

Statement showing the daily gauge readings of certain rivers at the stations named below for the week ending Thursday, the 15th September 1927.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	Compared with previous day's height.		Height above P. W. D. datum on same date in—		Remarks.
						Rise.	Fall.	1926.	1925.	
Gauges	...	...	...	...	...	...	...	...	...	...
	{ Monghyr ...	11th Sept. 1927...	6 A.M.	123.70'	0.00'	...	0.40'	126.00'	126.70'	
	{ Rajmahal ...	11th " " "	6 "	83.00'	0.00'	...	0.50'	85.45'	85.10'	
Brahmaputra	{ Goalundo ...	11th " " "	8-30 hours	25.50'	1.409'	0.10'	...	26.409'	27.409'	
	{ Dibrugarh ...	11th " " "	8 A.M.	20.70'	314.06'	...	0.70'	329.46'	336.86'	
	{ Gauhati ...	11th " " "	8 "	24.80'	136.953'	Steady.		151.658'	160.958'	
Meghna	{ Serajganj ...	11th " " "	12 hours	40.10'	7.509'	0.30'	...	43.309'	41.509'	
	{ Fenchuganj ...	11th " " "	7 "	31.70'	1.509'	0.25'	...	31.409'	32.109'	
	{ Bhairab Bazar ...	11th " " "	18 "	21.25'	1.61'	0.25'	...	21.86'	21.61'	
Dhaleswari	{ Chandpur ...	11th " " "	7 "	10.92'	1.61'	0.33'	...	13.78'	13.78'	
	{ Sabhar ...	11th " " "	7 A.M.	21.50'	0.00'	0.30'	...	20.60'	21.78'	
	{ Swarupganj ...	11th " " "	6 "	23.48'	0.00'	0.18'	...	30.10'	26.649'	
Damodar	Edilpur ...	11th " " "	6 "	6.00'	92.58'	...	0.58'	104.83'	101.75'	
Lakhya	Narayanganj ...	11th " " "	6 "	22.21'	-5.59'	...	0.75'	17.65'	18.70'	
Madaripur Bil Route	Takerhat ...	11th " " "	6 "	12.80'	0.00'	0.15'	...	13.75'	14.70'	

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						Rise.	Fall.	1926.	1925.	
Ganges	12th Sept. 1927	6 A.M. ...	123.30'	0.00'	123.30'	...	0.40'	125.70'	127.10'	
	12th " "	6 " "	82.60'	0.00'	82.60'	...	0.40'	85.25'	85.60'	
	12th " "	8-30 hours	25.60'	1.409'	27.009'	0.10'	...	26.309'	27.409'	
Brahmaputra	12th " "	8 A.M. ...	20.20'	314.06'	334.26'	...	0.50'	329.16'	336.56'	
	12th " "	8 " "	24.80'	136.958'	161.758'	Steady.		150.758'	161.358'	
	12th " "	12 hours ...	40.30'	7.509'	47.809'	0.20'	...	43.009'	41.409'	
Meghna	12th " "	7 " "	31.75'	1.509'	33.259'	0.05'	...	31.309'	31.959'	
	12th " "	18 " "	21.42'	1.61'	23.03'	0.17'	...	21.69'	21.44'	
	12th " "	7-30 " "	11.50'	1.61'	1.11'	0.58'	...	13.69'	13.69'	
Dhaleswari	12th " "	7 A.M. ...	21.80'	0.00'	21.80'	0.30'	...	20.40'	21.58'	
	12th " "	6 " "	23.57'	0.00'	23.57'	0.09'	...	30.23'	26.789'	
	12th " "	6 " "	6.00'	92.58'	98.58'	Steady.		103.08'	100.16'	
Lakhya	12th " "	6 " "	22.46'	-5.59'	16.87'	0.25'	...	17.49'	18.58'	
Madaripur Bil Route	12th " "	6 " "	12.90'	0.00'	12.90'	0.10'	...	13.70'	14.58'	

Statement showing the daily gauge readings of certain rivers at the stations named below for the week ending Thursday, the 15th September 1927.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	Compared with previous day's height.		Height above P. W. D. datum on same date in—		Remarks.
						Rise.	Fall.	1926.	1925.	
Ganges	Monghyr ...	13th Sept. 1927	6 A.M. ...	122.50'	0.00'	122.50'	...	0.80'	127.00'	
	... Rajmahal ...	13th "	6 "	82.30'	0.00'	82.30'	...	0.30'	86.10'	
	{ Goalundo ...	13th "	8-30 hours	25.70'	1.409'	27.109'	0.10'	...	27.509'	
Brahmaputra	{ Dibrugarh ...	13th "	8 A.M. ...	19.60'	314.06'	333.66'	...	0.60'	337.16'	
	... Gauhati ...	13th "	8 "	24.60'	136.958'	161.558'	...	0.20'	161.658'	
	{ Serajganj ...	13th "	12 hours ...	40.40'	7.509'	47.909'	0.10'	...	41.309'	
Meghna	{ Fenchuganj ...	13th "	7 "	31.95'	1.509'	33.459'	0.20'	...	31.809'	
	... Bhairab Bazar ...	13th "	18 "	21.50'	1.61'	23.11'	0.08'	...	21.36'	
	{ Chandpur ...	13th "	8 "	11.67'	1.61'	13.28'	0.17'	...	13.69'	
Dhaleswari	... Sabhar ...	13th "	7 A.M. ...	22.20'	0.00'	22.20'	0.40'	...	21.48'	
	... Swarupganj...	13th "	6 "	23.56'	0.00'	23.56'	...	0.01'	26.969'	
	... Edilpur ...	13th "	6 "	5.25'	92.58'	97.83'	...	0.75'	98.83'	
Lakhya	... Narayanganj...	13th "	6 "	23.71'	-5.59'	18.12'	0.25'	...	18.49'	
	Madaripur Bil Route	13th "	6 "	13.05'	0.00'	13.05'	0.15'	...	14.45'	
Takerhat ...		13th "	6 "	13.05'	0.00'	13.05'	0.15'	...	14.45'	

Statement showing the daily gauge readings of certain rivers at the stations named below for the week ending Thursday, the 15th September 1927.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	Compared with previous day's height.		Height above P. W. D. datum on same date in—		Remarks.
						Rise.	Fall.	1926.	1925.	
Ganges	14th Sept. 1927	6 A.M. ...	121.80'	0.00'	121.80'	...	0.70'	125.30'	126.50'	
	14th "	6 " ...	81.60'	0.00'	81.60'	...	0.70'	84.75'	86.20'	
	14th "	8-30 hours	25.80'	1.409'	27.209'	0.10'	...	26.109'	27.609'	
Brahmaputra	14th "	8 A.M. ...	18.90'	314.06'	332.96'	...	0.70'	328.66'	338.36'	
	14th "	8 " ...	24.40'	136.958'	161.358'	...	0.20'	150.458'	162.058'	
	14th "	12 hours	40.40'	7.509'	47.909'	Steady		42.409'	41.409'	
Meghna	14th "	7 " ...	31.95'	1.509'	33.459'	Steady		31.009'	31.709'	
	14th "	18 " ...	21.83'	1.61'	23.44'	0.33'	...	21.53'	21.36'	
	14th "	8-30 " ...	11.75'	1.61'	13.36'	0.08'	...	13.28'	13.61'	
Dhaleswari	14th "	7 A.M. ...	22.50'	0.00'	22.50'	0.30'	...	19.90'	21.48'	
	14th "	6 " ...	23.43'	0.00'	23.43'	...	0.13'	30.05'	27.009'	
	14th "	6 " ...	5.58'	92.58'	98.16'	0.33'	...	100.33'	97.83'	
Lakhya	14th "	6 " ...	23.83'	-5.59'	18.24'	0.12'	...	17.16'	18.53'	
	14th "	6 " ...	13.25'	0.00'	13.25'	0.20'	...	13.56'	14.55'	
Madaripur Bil Route	14th "	6 " ...	13.25'	0.00'	13.25'	0.20'	...	13.56'	14.55'	

Statement showing the daily gauge readings of certain rivers at the stations named below for the week ending Thursday, the 15th September 1927.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	Compared with previous day's height.		Height above P. W. D. datum on same date in—		Remarks.
						Rise.	Fall.	1926.	1925.	
Ganges	15th Sept. 1927	6 A.M. ...	121.30'	0.00'	121.30'	...	0.50'	125.20'	125.80'	
	15th "	6 "	80.80'	0.00'	80.80'	...	0.80'	84.55'	86.10'	
	15th "	8-30 hours	26.00'	1.409'	27.409'	0.20'	...	25.909'	27.909'	
Brahmaputra	15th "	8 A.M. ...	19.00'	314.06'	333.06'	0.10'	...	329.26'	337.66'	
	15th "	8 "	24.20'	136.958'	161.158'	...	0.20'	150.158'	162.158'	
	15th "	12 hours ...	40.40'	7.509'	47.909'	Steady		42.209'	41.609'	
Meghna	15th "	7 "	32.00'	1.509'	33.509'	0.05'	...	30.859'	31.559'	
	15th "	...		1.61'				21.28'	21.28'	
	15th "	9 hours ...	11.92'	1.61'	13.53'	0.17'	...	13.11'	13.78'	
Dhaleswari	15th "	7 A.M. ...	22.70'	0.00'	22.70'	0.20'	...	19.70'	21.48'	
Bhagirathi	15th "	6 "	23.41'	0.00'	23.41'	...	0.02'	29.83'	27.229'	
Damodar	15th "	6 "	4.92'	92.58'	97.50'	...	0.67'	99.33'	97.58'	
Lakhya	15th "	6 "	23.92'	-5.59'	18.33'	0.08'	...	16.95'	18.70'	
Madaripur Bil Route	15th "	6 "	13.40'	0.00'	13.40'	0.15'	...	13.40'	14.75'	

Statement of weekly gauge-readings on the river Ganges at Rampur Boalia for the week ending the 10th September 1927.

Date.	Hour.	Height of surface above zero of gauge.	Height of surface above P. W. D. datum.	Height of surface above P. W. D. datum on the same date last year.	Remarks.
1927.					
4th Sept.	... 7 A.M.	57.60	57.60	58.60	P. W. D. datum 6.25 feet above Kidderpur old dock sill.
5th "	... 7 "	57.70	57.70	59.00	
6th "	... 7 "	57.85	57.85	59.45	B. M. on Rajshahi College step 64.73.
7th "	... 7 "	58.10	58.10	59.65	
8th "	... 7 "	58.45	58.45	59.80	Value of zero of gauge = 0.00 P. W. D.
9th "	... 7 "	58.70	58.70	60.00	
10th "	... 7 "	58.75	58.75	60.10	

The previous year's	Highest water-level		P. W. D. datum.
Do.	Lowest	"	... 60.15
Record	Highest	"	... 34.95
Do.	"	... 69.25	on 2nd August 1879
Do.	"	... 69.08	on 9th September 1885
Do.	"	... 68.30	on 25th August 1906
Do.	"	... 68.21	on 26th August 1920
Do.	"	...	on 13th August 1922
Do.	"	...	on 27th August 1923
Do.	"	...	on 18th August 1924
Do.	"	...	on 16th September 1925
Do.	Lowest	"	... 37.63
Do.	"	...	on 25th April 1884
Do.	"	... 38.13	on 14th and 15th April 1883
Do.	"	... 39.02	on 21st and 22nd April 1897
Do.	"	... 39.28	on 6th and 7th May 1908
Do.	"	...	on 9th May 1922
Do.	"	...	on 4th May 1923
Do.	"	...	on 25th May 1924
Do.	"	...	on 15th April 1925

N.B.—The gauge-readings commenced from the 1st August 1887.

W. R. ROBSON, *Subdivisional Officer,*
I. D., *Rajshahi.*

RAMPUR BOALIA, the 10th September 1927.

Statement of weekly gauge-readings on the rivers Ganges and Brahmaputra at Goalundo for the week ending the 10th September 1927.

Month and date.	Hour.	Height of surface above zero.	Height of surface above mean sea-level.	Height of surface above mean sea-level on the same date last year.	Remarks.
1927.					
4th September	... 7 A.M.	24.8	24.8	25.3	Zero is placed at mean sea-level.
5th "	... 7 "	24.9	24.9	25.3	
6th "	... 7 "	24.9	24.9	25.3	The bench-mark for this gauge is marked on a pucca base between passenger ghât and Chandpur ghât at Goalundo.
7th "	... 7 "	24.9	24.9	25.2	
8th "	... 7 "	25.0	25.0	25.1	
9th "	... 7 "	25.2	25.2	25.1	
10th "	... 7 "	25.4	25.4	25.0	

Highest recorded flood during previous year ... 26.4 on 15th August 1926.

Highest recorded flood ... 26.7 on 23rd and 24th August 1914, 26.5 on 15th September 1925, 25.75 on 28th August 1906, and 25.66 on 11th to 17th and 31st August 1889 and 1st to 3rd September 1883.

Lowest recorded water-level during previous year ... 6.0 on 24th February 1926.

Previous recorded low water-level ... 1.0 on 8th February 1914.

N.B.—The gauge-readings commenced from 3rd October 1909.

A. M. PAUL, for *Subdivisional Officer,*
P. W. D., *Faridpur.*

FARIDPUR, the 12th September 1927.

**Statement showing the gauge-readings at Dacca Water-works on the river Buriganga
for the week ending the 3rd September 1927.**

Date.	At highest water.		At lowest water.		Commencement of—		Remarks.
	Time.	Reading.	Time.	Reading.	Ebb tide.	Flow tide.	
1927.							7 A.M. 5 P.M.
28th August ...							16·9 16·85
29th „ ...							16·8 16·8
30th „ ...							16·8 16·8
31st „ ...							16·7 16·65
1st September							16·6 16·6
2nd „ ...							16·6 16·6
3rd „ ...							16·6 16·6

B. M. on settling tank 39·49 O.M.S.L. Zero is at O. M. S. L.

Notable high and low water-levels of previous years.

High.			Low.		
27th August 1906	...	70·5	23rd February 1907	...	51·06
5th September 1909	...	66·86	13th „ 1908	...	51·06
10th August 1910	...	69·86	12th March 1912	...	51·06
1st „ 1911	...	68·46	6th „ 1914	...	50·60
13th „ 1912	...	67·16	22nd February 1915	...	50·30
31st „ 1915	...	69·7	15th „ 1916	...	50·60
8th „ 1916	...	68·1	3rd March 1917	...	51·0
12th „ 1917	...	67·1	21st February 1918	...	51·40
13th „ 1918	...	69·12	26th „ 1919	...	50·4
2nd „ 1919	...	66·8	18th „ 1920	...	50·9
8th September 1920	...	66·9	19th „ 1921	...	50·9
28th July 1921	...	68·4	8th March 1922	...	51·05
10th August 1922	...	68·00	14th „ 1923	...	50·8
31st July 1923	...	66·15	16th February 1924	...	50·50
29th August 1924	...	68·82	5th March 1925	...	50·9
8th September 1925	...	68·52	9th February 1926	...	2·2
15th August 1926	...	19·6			

N.B.—Zero of the gauge at Dacca water-works prior to 11 A.M. on 8th January 1926 = -48·51 with reference to P. W. D. datum.

Zero of the gauge at Dacca water-works since 11 A.M. on 8th January 1926 = 0·00 with reference to P. W. D. datum.

P. C. BASU, *Executive Engineer,*
Khulna Division.

KHULNA, the 12th September 1927.

**Statement showing the gauge-readings at Dacca water-works on the river
Burliganga for the week ending 10th September 1927.**

Date.	At highest water.		At lowest water.		Commencement of—		Remarks.
	Time.	Reading.	Time.	Reading.	Ebb tide.	Flow tide.	
1927.							7 A.M. 5 P.M.
4th Sept. ...							16·65 16·65
5th „ ...							16·7 16·7
6th „ ...							16·7 16·7
7th „ ...							16·75 16·8
8th „ ...							16·85 16·9
9th „ ...							17·0 17·1
10th „ ...							17·2 17·3

B. M. on settling tank 39·49 O. M. S. L. Zero is at O. M. S. L.

Notable high and low water-levels of previous years.

High.				Low.			
27th August 1906	...	70·5	} Taken at high tide.	23rd February 1907	...	51·06	} Taken at low tide
5th September 1909	...	66·86		13th „ 1908	...	51·06	
10th August 1910	...	69·86		12th March 1912	...	51·06	
1st „ 1911	...	68·46		6th „ 1914	...	50·60	
13th „ 1912	...	67·16		22nd February 1915	...	50·30	
31st „ 1915	...	69·7		15th „ 1916	...	50·60	
8th „ 1916	...	68·1		3rd March 1917	...	51·0	
12th „ 1917	...	67·1		21st February 1918	...	51·40	
13th „ 1918	...	69·12		26th „ 1919	...	50·4	
2nd „ 1919	...	66·8		18th „ 1920	...	50·9	
8th September 1920	...	66·9		19th „ 1921	...	50·9	
28th July 1921	...	68·4		8th March 1922	...	51·05	
10th August 1922	...	68·00		14th „ 1923	...	50·8	
31st July 1923	...	66·15		16th February 1924	...	50·50	
29th August 1924	...	68·82		5th March 1925	...	50·9	
8th September 1925	...	68·52		9th February 1926	...	2·2	
15th August 1926	...	19·6					

N.B.—Zero of the gauge at Dacca water-works prior to 11 A.M. on 8th January 1926 = -48·51 with reference to P. W. D. datum.

Zero of the gauge at Dacca water-works since 11 A.M. on 8th January 1926 = 0·00 with reference to P. W. D. datum.

P. C. BASU *Executive Engineer,*
Khulna Division.

KHULNA, the 14th September 1927.



The Calcutta Gazette

THURSDAY, SEPTEMBER 29, 1927.

SUPPLEMENT.

Official Papers.

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Form C—BENGAL.

[Section 5 (2) of the Cotton Ginning and Pressing Factories Act, 1925.]

Statement of cotton pressed in the Bengal Presidency for the week ending 16th September 1927.

1.	2.	3.	4.	5.	6.
Name of Division or Block.	Number of bales pressed.		Number of bales pressed.		Districts included in the block.
	During the week.	During the corresponding week last year.	Since 1st September 1927 (the date prescribed by the Local Government as the commencement of the season).	During the corresponding period last year.	
The Bengal Presidency ...	505	57	1,013	711	All districts in the Presidency.

E. W. HAMMOND,
Chief Inspector of Factories, Bengal (offg.).

Vital statistics of towns with a population of 50,000 and over of the Bengal Presidency for the week ending Saturday, the 17th September 1927.

			Population under registration according to census of 1921.				Births registered.		Deaths registered.																						
District.	No.	Towns.	Population under registration according to census of 1921.		Total.	Number registered (excluding still births).	Still-born number registered.	Deaths registered.																							
			Male.	Female.				Cholera.	Small-pox.	Plague.	Malaria.	Etiotic fever.	Measles.	Relapsing fever.	Kala-azar.	Other fevers.	Dysentery.	Diarrhoea.	Influenza.	Pneumonia.	Other respiratory diseases.	Injuries including suicide.	Deaths from child-birth.	Other causes.	Male.	Female.	Total.	Male.	Female.	Total.	
Calcutta	1	Calcutta	724,248	353,016	1,077,264	495	39	5	5	...	25	18	3	...	10	28	30	12	9	27	56	71	18	4	237	312	275	588	504	234	738
Burdwan	2	Asansol Mining Settlement.	176,814	152,539	329,353	118	2	1	1	...	...	...	...	...	...	14	2	...	...	9	3	4	4	1	47	51	36	87	55	50	106
Howrah	3	Howrah	128,472	66,829	195,301	106	10	2	...	...	13	3	1	...	...	15	17	10	...	6	1	9	4	2	30	66	47	113	82	81	163
Dacca	4	Dacca	67,333	52,117	119,450	64	11	1	2	...	...	1	...	2	2	2	4	3	1	2	1	4	3	2	23	24	28	52	37	36	73
24-Parganas	5	Bhatpara	45,723	19,886	65,609	28	...	...	...	...	2	1	...	...	...	6	2	2	...	...	...	...	...	...	3	13	4	17	15	15	30
	6	Titagarh	36,533	15,918	52,451	16	...	...	...	...	...	...	...	...	...	12	...	...	...	...	...	...	...	...	...	10	2	12	11	17	28

CHAS. A. BENTLEY, M.B., D.P.H., D.T.M. & H., Director of Public Health, Bengal.

CALCUTTA, the 23rd September 1927.

Wholesale prices-current of food-grains, salt, etc., in the undermentioned marts of Bengal for the first-half of September 1927.

Marts.	Paddy, local (best quality).			Paddy, local (common quality).			Rice, local (best quality).		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	2	3	4	5	6	7	8	9	10
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	4 8 0	4 8 0	4 14 0	4 8 0	4 6 0	4 6 0	10 0 0	10 0 0	9 12 0
Burdwan ...	4 8 0	4 10 0	5 0 0	4 6 0	4 8 0	4 2 0	10 0 0	10 0 0	9 8 0
Raniganj ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Midnapore...	4 5 0	4 1 0	4 4 0	3 14 0	3 14 0	4 1 0	8 8 0	8 4 0	8 8 0
Chittagong...	4 12 0	4 12 0	4 12 0	4 4 0	4 4 0	4 8 0	9 12 0	9 8 0	9 4 0
Dacca ...	4 8 0	5 0 0	5 2 0	4 2 0	4 4 0	4 12 0	9 0 0	9 0 0	9 6 0
Pabna ...	4 13 6	4 12 0	4 5 0	3 14 0	4 0 0	4 3 0	9 8 0	9 8 0	8 0 0
Rangpur ...	4 8 0	4 8 0	4 8 0	4 4 0	4 4 0	4 0 0	10 0 0	10 0 0	10 0 0
Seraiganj (Pabna).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sarisabari (Mymensingh).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Narayanganj (Dacca).	.....	.....	.....	.....	.....	.....	.....	.....	.....

Marts.	Rice, local (common quality).			Wheat.			Kala dal.		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	11	12	13	14	15	16	17	18	19
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	8 3 0	8 3 0	8 2 0	6 6 0	6 6 0	6 10 0	7 8 0	7 8 0	6 8 0
Burdwan ...	7 8 0	8 4 0	7 8 0	6 4 0	6 4 0	7 8 0	8 8 0	7 4 0	8 4 0
Raniganj ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Midnapore ...	7 0 0	7 4 0	7 8 0	(a)	(a)	(a)	9 0 0	9 0 0	9 0 0
Chittagong ...	7 8 0 to 6 12 0*	6 0 0 to 6 12 0*	7 6 0	.....	.....	.....	.....	.....	.....
Dacca ...	7 8 0 to 8 0 0	8 0 0	7 10 0	5 8 0 to 6 0 0	6 4 0	6 8 0	8 0 0	9 8 0	6 0 0
Pabna ...	8 4 0	8 4 0	7 12 0	5 12 0	5 8 0	5 0 0	9 0 0	9 0 0	7 0 0
Rangpur ...	9 4 0	9 4 0	9 8 0	8 0 0	8 0 0	8 0 0	6 0 0	6 0 0	6 4 0
Seraiganj (Pabna).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sarisabari (Mymensingh).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Narayanganj (Dacca).	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Burma.

(a) Not available.

Wholesale prices-current of food-grains, salt, etc., in the undermentioned marts of Bengal for the first half of September 1927.

Marts.	Gram.			Arhar dal.			Linseed.		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	20	21	22	23	24	25	26	27	28
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	5 8 0	5 8 0	4 6 0	7 8 0	7 8 0	7 4 0	8 12 0	8 12 0	8 14 0
Burdwan ...	5 0 0	4 12 0	4 12 0	7 12 0	8 0 0	7 8 0	7 8 0	7 0 0	10 0 0
Raniganj ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Midnapore ...	5 12 0	5 12 0	5 12 0	10 0 0	10 0 0	9 8 0	8 0 0	7 8 0	7 0 0
Chittagong ...	5 12 0	6 0 0	5 8 0	8 8 0	8 4 0	8 8 0	10 0 0	10 0 0	11 0 0
Dacca ...	6 0 0	6 0 0	5 4 0	8 12 0	10 0 0	7 6 0	8 8 0	10 0 0*	11 8 0
Pabna ...	5 12 0	5 8 0	5 0 0	11 0 0	11 0 0	8 8 0	6 8 0	6 4 0	6 8 0
Rangpur ...	6 0 0	6 0 0	6 0 0	9 0 0	9 0 0	10 0 0	(a)	(a)	(a)
Seraiganj (Pabna).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sarisabari (Mymensingh).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Narayanganj (Dacca).	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Increase due to shortage of stock.

Marts.	Mustard.			Gur.			Cotton (unginned).		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	29	30	31	32	33	34	35	36	37
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	9 8 0	9 8 0	8 5 0	9 0 0	9 0 0	7 12 0	41 0 0	41 0 0	30 8 0
Burdwan ...	9 4 0	9 0 0	{ 8 8 0 to 9 0 0 }	8 8 0	8 8 0	{ 5 0 0 to 7 0 0 }	.....	.....	.....
Raniganj ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Midnapore ...	{ 10 2 0 to 11 4 0 }	{ 10 2 0 to 11 2 0 }	{ 10 8 0 to 12 0 0 }	{ 12 0 0 to 12 4 0 }	{ 12 4 0 to 12 8 0 }	{ 7 8 0 to 8 0 0 }	.....	.....	.....
Chittagong ...	9 0 0	9 0 0	9 12 0	{ 9 0 0 to 10 0 0 }	{ 14 0 0 to 14 4 0 }	9 0 0	.....	.....	.....
Dacca ...	{ 8 0 0 to 9 0 0 }	9 0 0	9 10 0	13 0 0	12 0 0	12 12 0	.....	.....	.....
Pabna ...	9 0 0	9 0 0	9 4 0	10 8 0	10 8 0	10 12 0	.....	.....	.....
Rangpur ...	10 4 0	10 4 0	12 0 0	14 0 0	14 0 0	13 8 0	.....	.....	.....
Seraiganj (Pabna).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sarisabari (Mymensingh).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Narayanganj (Dacca).	.....	.....	.....	.....	.....	.....	.....	.....	.....

(a) Not available.

Wholesale prices current of food-grains, salt, etc., in the undermentioned marts of Bengal for the first half of September 1927.

Marts.	Jute.			Ghee.			Hide (Cow).		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	38	39	40	41	42	43	44	45	46
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	{ (1) 13 0 0 (2) 12 0 0 (3) 10 8 0 }	{ (1) 14 0 0 (2) 13 0 0 (3) 11 8 0 }	{ (1) 12 0 0 (2) 11 0 0 (3) 10 0 0 }	74 0 0 to 80 0 0	74 0 0 to 85 0 0	82 0 0 to 86 0 0	12 0 0 to 18 0 0†	12 0 0 to 18 0 0†	12 0 0 to 14 0 0†
Burdwan ...	...	...	...	...	...	...	...	...	...
Raniganj ...	...	...	...	...	...	...	...	...	...
Midnapore ...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...
Pabna ...	...	...	...	...	...	...	...	...	...
Rangpur ...	...	...	...	...	...	...	...	...	...
Seraiganj (Pabna).	(n)	(n)	9 8 0	...	...	...	...	...	...
Sarisabari (Mymensingh).	{ (1) 12 8 0 (2) 11 8 0 (3) 10 0 0 }	(n)	(n)	...	...	...	...	...	...
Narayanganj (Dacca).	{ 10 0 0 to 11 8 0 }	{ 11 8 0 to 12 8 0 }	{ 10 8 0 to 11 0 0 }	...	...	...	...	...	...

(1) Price of jat fours.

(2) Price of district fours.

(3) Weighted average price.

(b) New crop.

Marts.	Iron.			Salt.			Kerosine oil.*		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	47	48	49	50	51	52	53	54	55
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	{ (a) 7 8 0 to 16 4 0 }	{ (a) 6 0 0 to 15 0 0 }	{ (a) 7 0 0 to 16 8 0 }	(n)	2 9 0	2 0 0	{ Rs. A. P. Swan 6 1 6 Rising sun 7 7 6 Elephant (n)	{ Rs. A. P. Swan 6 1 6 Rising sun 7 7 6 Elephant (n)	{ Rs. A. P. Swan 6 6 0 Rising sun 7 8 0 Elephant (n)
Burdwan
Raniganj
Midnapore
Chittagong
Dacca
Pabna
Rangpur
Seraiganj (Pabna).
Sarisabari (Mymensingh).
Narayanganj (Dacca).

† Price per 20 lbs.

(a) British mild steel per cwt.

(n) Not reported.

* Per two tins.

Wholesale prices-current of food-grains, salt, etc., in the undermentioned marts of Bengal for the first-half of September 1927.									
Marts.	Mustard oil.			Firewood.			Coal (Bengal).		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	56	57	58	59	60	61	62	63	64
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta	23 0 0 to 24 0 0	23 8 0 to 24 8 0	25 8 0 to 26 0 0	0 14 0 to 1 0 0	0 14 0 to 1 0 0	0 10 0 to 0 12 0	0 7 6*	0 7 6*	0 7 0*
Burdwan
Raniganj	0 3 0	0 3 0	0 3 0
Midnapore
Chittagong
Dacca
Pabna
Rangpur
Seraikhanj (Pabna).
Sarishabari (Mymensingh).
Narayanganj (Dacca).

* Soft coke.

H. D. BANERJI, for *Director of Agriculture, Bengal.*

Dacca, the 22nd September 1927.

Prices-current (retail) of food-grains, salt, etc., in the districts of Bengal for the first-half of September 1927.

Division.	Number.	Districts and marts.	Quantity per rupee in seers of eighty tolas.																	
			Common rice.									Kalai dal (<i>Phaseolus radiatus</i>).			Arhar dal or Thur Cadjan Pea (<i>Cajanus indicus</i>).			Salt.		
			Average.			Cheapest.														
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
Presidency.		24-PARGANAS.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	1	Chetla Hat ...	5 0	5 0	4 12	5 8	5 8	5 8	5 0	5 0	4 12	4 8	4 6	5 0	14 0	14 0	14 0	14 0	14 0	14 0
	2	Magra Hat ...	5 8	5 5	4 11	(b) 6 8	5 7	5 0	(a)	(a)	(a)	4 0	4 0	4 11	13 5	13 5	16 12	13 5	13 5	13 0
	3	Calcutta-Belinghata	4 10	4 10	4 2	5 4	5 4	5 2	5 0	5 0	5 12	5 0	5 0	5 3	10 8	10 8	10 8	10 8	10 8	10 8
		NADIA.																		
	4	Goari ...	5 0	5 0	5 0	5 10	5 11	5 11	4 0	4 0	4 0	4 0	4 0	4 4	13 0	13 0	13 5	13 0	13 0	13 5
	5	Ranaghat ...	4 12	4 12	4 13	5 8	6 0	5 4	5 4	5 4	5 4	5 4	5 4	5 4	12 0	12 0	11 4	13 0	13 0	11 4
		MURSHIDABAD.																		
	6	Berhampore ...	5 0	4 12	5 4	5 4	5 4	5 8	5 0	5 0	5 0	5 0	5 0	5 0	14 0	14 0	13 8	14 0	14 0	13 8
	7	Kandi ...	4 12	5 0	6 0	5 0	5 4	6 4	5 4	5 0	5 8	4 4	4 6	5 12	14 0	14 0	14 0	14 0	14 0	14 0
	8	Jangipur ...	5 2	5 6	5 7	5 6	5 10	5 9	4 8	4 0	4 0	5 0	4 8	6 0	14 0	14 0	13 0	14 0	14 0	13 0
		JESSORE.																		
	9	Sadar ...	5 8	5 8	5 8	5 12	6 0	5 10	3 8	4 0	4 0	3 8	3 12	4 4	13 0	14 0	14 0	14 0	14 0	14 0
	10	Bongaon ...	4 14	5 0	4 11	6 2	6 3	5 5	3 8	3 8	3 3	4 0	4 0	4 0	11 10	11 10	13 0	11 10	11 10	13 0
		KHULNA.																		
	11	Sadar ...	5 0	5 0	5 0	6 0	6 0	5 8	5 5	5 5	5 4	4 6	4 6	4 8	12 12	12 12	13 4	12 12	12 12	13 4
	12	Bagerhat ...	4 8	4 8	4 8	4 12	4 12	5 0	7 0	7 0	7 0	4 8	4 0	4 8	12 8	12 8	12 8	12 8	12 8	12 8
		BURDWAN.																		
	13	Sadar ...	5 0	5 0	5 0	5 4	5 4	5 8	4 4	4 8	4 8	5 0	4 8	4 12	12 8	13 0	14 0	12 8	13 0	14 0
	14	Kalna ...	4 12	4 12	4 13	5 0	5 0	5 3	4 7	4 11	4 11	4 7	4 9	4 6	16 0	16 0	16 0	16 0	16 0	16 0
		BIRBHUM.																		
	15	Suri ...	5 8	5 8	5 8	6 0	6 0	5 12	5 4	5 8	5 8	4 0	4 0	4 4	13 0	13 0	13 0	13 0	13 0	13 0
	16	Rampur Hat ...	5 0	5 0	5 8	5 0	5 8	6 0	4 12	4 12	4 12	4 0	4 0	5 0	14 0	14 0	14 0	14 0	14 0	14 0
		BANKURA.																		
	17	Sadar ...	5 10	5 10	5 4	6 4	6 0	5 8	6 0	5 8	5 0	4 0	4 4	4 8	12 0	11 8	13 8	12 0	11 8	13 8
	18	Vishnupur ...	6 0	5 12	6 0	6 8	6 6	6 8	6 0	6 0	5 8	5 0	5 0	5 0	13 0	14 0	13 0	13 0	14 0	13 0
		MIDNAPORE.																		
	19	Sadar ...	6 3	5 12	5 4	6 8	6 4	5 12	4 0	4 0	6 6	4 0	4 0	5 4	13 0	13 0	8 0	13 0	13 0	8 0
	20	Contai ...	5 8	5 0	4 12	5 12	5 4	5 8	4 8	4 8	4 8	4 4	4 4	4 8	13 0	13 0	13 0	13 0	13 0	13 0
		HOOGHLY.																		
	21	Sadar ...	5 0	5 2	4 14	5 8	5 8	5 4	5 0	4 4	5 0	4 0	4 4	4 14	13 0	13 0	13 0	13 0	13 0	13 0
	22	Arambagh ...	5 6	5 8	5 4	5 14	6 0	5 12	3 8	3 8	3 8	3 8	3 8	4 0	10 0	10 0	10 0	10 0	10 0	10 0
		HOWRAH.																		
	23	Sadar ...	5 0	5 4	5 0	5 8	6 4	5 8	5 0	5 8	5 8	4 0	5 8	5 0	13 0	15 0	15 0	13 0	15 0	15 0
	24	Ulubaria ...	5 4	5 4	4 12	6 0	5 12	5 0	4 0	4 12	5 0	4 0	4 0	4 8	13 0	13 0	16 0	13 0	13 0	16 0
		RAJSHAHI.																		
Rajshahi.	25	Rampur-Boalia ...	4 14	4 14	4 14	(b) 6 0	5 4	5 4	5 4	5 0	6 0	4 2	4 0	5 0	12 0	12 0	10 8	12 0	12 0	10 8
	26	Nator ...	4 14	4 14	4 14	5 0	5 0	5 10	4 8	4 14	4 14	4 2	4 8	4 2	9 12	9 12	9 12	9 12	9 12	9 12
	27	Dinajpur—Railway Bazar Hat.	4 13	4 13	4 13	5 2	5 2	5 2	6 0	6 0	6 0	4 8	4 8	4 13	13 0	13 0	13 0	13 0	13 0	13 0
	28	Jaipalguri—Sadar...	4 12	4 12	5 0	5 4	5 4	5 4	4 8	4 8	5 0	4 8	4 8	5 4	11 8	11 8	12 0	11 8	11 8	12 0

* Karkach.

(a) Not available.

(b) *and*.

N.B.—The prices of Karkach and Liverpool salt tally with each other in marts marked †.

Prices-current (retail) of food-grains, salt, etc., in the districts of Bengal for the first-half of September 1927.

Division.	Number.	Districts and marts.	Quantity per rupee in seers of eighty tolas.														
			Common rice.						Kala dal (<i>Phaseolus radiatus</i>).			Arhar dal or Thur Gadjan Pea (<i>Cajanus indicus</i>).			Salt.		
			Average.			Cheapest.			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.									
Rajshahi.		DARJEELING.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.
	29	Sadar ...	4 8	4 8	4 8	5 0	5 0	5 4	4 0	4 0	4 0	4 0	4 0	4 0	4 0	4 0	4 0
	30	Siliguri ...	4 0	4 4	5 0	4 12	5 0	5 4	4 12	5 0	5 0	4 0	4 0	5 0	10 0	10 0	12 0
		RANGPUR.															
	31	Sadar ...	4 8	4 8	4 4	4 10	4 10	5 0	6 6	6 8	6 6	4 7	4 7	4 0	8 0†	8 0†	8 0°
	32	Nilphamari ...	5 0	5 0	5 4	(a)	(a)	(a)	4 0	5 0	4 0	4 0	4 0	4 0	10 0†	10 0†	10 0†
	33	Bogra—Sadar ...	4 8	4 8	4 14	4 10	4 10	5 1	4 10	4 10	4 14	4 8	4 8	4 14	9 12†	9 12†	12 0†
		PABNA.															
	34	Sadar ...	4 10	4 10	4 12	4 14	4 14	5 0	4 4	4 4	5 4	3 12	3 8	4 4	{ 11 0 } 12 0°	12 0†	12 8†
	35	Sirajganj ...	4 1	4 8	4 12	4 8	4 13	5 0	5 0	5 0	6 0	4 0	3 8	4 0	10 14†	10 14†	{ 12 0 } 11 0°
Dacca.		MALDA.															
	36	Sadar ...	4 12	5 0	5 4	5 0	5 4	6 0	5 0	5 0	5 0	4 0	4 8	4 8	12 0†	{ 12 8 } 11 0°	12 0°
	37	Balla-Nawabganj	5 0	5 0	5 4	5 8	5 4	5 8	5 8	6 0	6 0	5 0	5 0	5 8	12 8†	12 0†	{ 12 0° } 14 0
		DACCA.															
	38	Sadar ...	{ 5 0 } 5 4	5 0	5 1	5 8	5 8	6 0	5 0	4 2	6 10	4 8	4 0	5 4	12 0†	11 4†	{ 12 5 } 13 1°
	39	Mirkadam ...	4 10	4 12	5 4	5 0	5 0	5 6	(a)	(a)	(a)	(a)	(a)	(a)	{ 13 14 } 12 5°	13 14	14 0†
		MYMENSINGH.															
	40	Nasirabad ...	4 3	4 2	4 8	4 4	4 4	4 12	3 3	3 3	4 0	4 0	4 0	4 4	{ 11 6 } 11 0°	11 6	12 8
	41	Netrakona ...	4 12	5 2	4 8	5 0	5 6	5 10	4 8	6 4	6 0	4 8	4 0	4 10	{ 11 6 } 10 0†	12 4	13 5
		FARIDPUR.															
Chittagong.	42	Sadar ...	4 12	4 12	4 12	5 0	5 0	5 0	5 0	5 0	4 8	4 0	4 0	4 0	8 0†	8 0†	12 0†
	43	Rajbari ...	4 12	4 12	4 12	5 5	5 5	5 4	6 0	6 0	5 0	3 8	3 8	4 0	{ 11 0 } 10 0°	11 0	11 0
		BAKARGANJ.															
	44	Barisal ...	5 0	4 8	4 14	{ 6 0 } 5 4	{ 5 12 } 4 12	5 2	6 0	6 0	6 10	4 0	4 8	4 7	11 8†	12 8†	{ 12 8 } 12 3°
	45	Pirojpur ...	5 0	5 0	4 8	5 4	5 4	4 10	6 0	6 0	6 0	4 0	4 0	4 0	11 0†	11 0†	12 0†
		TIPPERA.															
	46	Comilla ...	4 5	4 9	4 9	5 2	5 8	5 11	3 8	4 0	3 3	4 0	4 0	4 0	{ 9 2° } 10 10	9 2°	9 2°
	47	Chandpur ...	4 11	4 8	4 6	5 0	5 0	4 14	(a)	(a)	(a)	4 0	4 4	4 8	{ 10 12 } 8 0°	11 0	13 0
		NOAKHALI.															
	48	Kaithara Hat ...	4 12	4 8	4 8	5 0	5 0	4 12	6 8	6 8	5 0	4 0	4 0	4 8	8 0	11 4	15 12
Chittagong.	49	Feni Hat ...	4 4	4 4	4 8	5 8	5 8	4 8	7 0	7 0	7 0	(a)	(a)	(a)	{ 13 0 } 8 0°	13 0	13 0
		CHITTAGONG.															
	50	Sadar ...	5 8	6 0	5 8	6 8	7 0	5 4	6 8	6 0	5 0	4 12	4 8	4 12	{ 14 0 } 8 0°	13 0	18 0
	51	Cox's Bazar ...	5 0	5 0	5 0	(a)	(a)	(a)	3 8	3 4	3 4	3 8	3 8	3 8	{ 12 0 } 8 0°	12 8	14 0
	52	Chittagong Hill Tracts—Rangmat.	4 0	4 0	5 0	5 0	5 0	5 8	3 0	3 0	3 8	3 0	3 0	3 8	{ 12 0 } 5 0°	12 0	14 0

(b) Aus.

(a) Not available.

* Karkach.

N.B.—The prices of Karkach and Liverpool salt tally with each other in marts marked †.

DACCA, the 22nd September 1927.

H. D. BANERJI, for Director of Agriculture, Bengal.

DISTRICT REPORTS ON WEATHER AND CROPS.

For the week ending on the 21st September 1927.

Summary.—During the week the rainfall was generally light excepting in parts of some North and East Bengal districts where it was moderate. Transplantation of winter paddy seedlings is nearing completion, but more rain is still needed for the operation and for the steeping of jute in places, especially in some West Bengal districts. Harvesting of autumn crops is almost finished. The outlook of standing crops is generally fair except in some West and North Bengal districts. There has been a general deficiency of rain in the province, and prospects of the paddy crops depend to a critical extent on suitable rainfall in the next six weeks, i.e., till the middle of November. In regard to West Bengal and North Bengal distress continues to prevail in parts of Birbhum, Malda and Dinajpur. Test relief works have been opened at Moraroi, Birchandrapur and Nalhati in Birbhum where 384, 1,260 and 333 persons respectively are working; and also at Patnitola and Porsha police-stations in Dinajpur where 1,619 persons are working daily. The average price of common rice for the province has risen by about 0·71 per cent. as compared with that of the previous week.

Serial No.	District and sub-division.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
1	24-PARGANAS...	0·60	5	5	Weather seasonable. Transplantation of <i>aman</i> paddy is over in Barrackpore and Basirhat. Harvesting of <i>aus</i> paddy and jute continues. Steeping of jute is going on at Sadar and Barrackpore. Fodder and water are sufficient.
	Diamond Harbour.	0·63	5 $\frac{3}{8}$	5 $\frac{1}{2}$	
	Barrackpore ...	0·91	4 $\frac{3}{4}$	4 $\frac{7}{8}$	
	Baraset ...	Nil	5	5	
	Basirhat ...	0·02	5 $\frac{1}{8}$	5	
2	NADIA ...	2·50	4 $\frac{3}{4}$	4 $\frac{1}{2}$	Weather seasonable. Harvesting of jute and <i>aus</i> paddy is nearing completion. Prospects of <i>aman</i> paddy are not good. Fodder and water are sufficient.
	Kushtia ...	Nil	5	5 $\frac{1}{2}$	
	Meherpur ...	0·62	6 $\frac{5}{16}$	6 $\frac{5}{16}$	
	Chuadanga ...	0·30	6	6	
	Ranaghat ...	2·55	4 $\frac{3}{4}$	4 $\frac{3}{4}$	
3	MURSHIDABAD	0·07	5	4 $\frac{1}{2}$	Weather hot and cloudy. Prospects of <i>aman</i> paddy are poor for want of sufficient rain. Stock of rice is not sufficient in Jangipur. Fodder is insufficient in Kandi.
	Lalbagh ...	0·09	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Jangipur ...	1·15	5	5	
	Kandi ...	0·20	5 $\frac{1}{2}$	4 $\frac{3}{4}$	
4	JESSORE ...	Nil	5	5	Weather fair. Prospects of standing crops are fair. Harvesting of <i>aus</i> paddy is nearly finished. Fodder and water are sufficient.
	Jhenidah ...	1·48	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
	Magura ...	Nil	5	5	
	Narail ...	Nil	4	4	
	Bongaon ...	0·16	5	5	
5	KHULNA ...	0·48	5	5	More rain wanted. Weather effects on crops are fair. Slow export is reported.
	Satkhira ...	0·58	5	5	
	Bagerhat ...	(n)	(n)	4 $\frac{1}{2}$	

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
6	BURDWAN ...	2.65	4 $\frac{3}{4}$	5	Weather hot and moist. Transplantation and weeding of <i>aman</i> paddy and harvesting of jute continue. Agricultural prospects are not good. Rice market is rising. Cattle-disease is reported from Kalna. Fodder and water are sufficient.
	Asansol ...	0.36	6	6	
	Katwa ...	1.44	5	5	
	Kalna ...	0.12	4 $\frac{1}{2}$	4 $\frac{3}{4}$	
7	BIRBHUM ...	0.64	5 $\frac{1}{2}$	5 $\frac{1}{2}$	Agricultural prospects are gloomy in the Rampurhat subdivision. District Board test works continue at Moraroi and Birchandrapur where 384 and 1,260 persons respectively are working. A new work has been opened at Nalhati where 333 persons are working. Fodder and water are sufficient.
	Rampurhat ...	0.20	5	5	
8	BANKURA ...	0.84	6	6	Weather hot and dry. Weeding of winter paddy is in progress. Prospects of standing crops are unfavourable in some thanas. Fodder and water are sufficient.
	Vishnupur ...	0.65	5 $\frac{1}{4}$	5 $\frac{3}{4}$	
9	MIDNAPORE ...	0.55	5 $\frac{1}{2}$	6 $\frac{1}{2}$	Weather seasonable. Prospects of jute are fair. Fodder and water are sufficient.
	Contai ...	0.92	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
	Tamluk ...	2.13	4 $\frac{3}{8}$	4 $\frac{1}{2}$	
	Ghatal ...	2.32	5 $\frac{1}{4}$	5 $\frac{1}{2}$	
	Jhargram ...	0.17	6	6	
10	HOOGLY ...	0.70	5	5	Weather seasonable. Fodder is sufficient.
	Serampore ...	1.58	5	5	
	Arambagh ...	0.50	5 $\frac{1}{4}$	5 $\frac{1}{2}$	
11	HOWRAH ...	0.31	5 $\frac{1}{4}$	5 $\frac{1}{4}$	Harvesting of jute continues.
	Uluberia ...	0.88	5 $\frac{1}{4}$	5 $\frac{1}{4}$	
12	RAJSHAHI ...	0.74	5	5	Condition of standing crops is not favourable. More rain is wanted. Harvesting of <i>aus</i> paddy and jute is going on. Fodder and water are sufficient.
	(RAMPUR-BOALIA). Naogaon ...	1.64	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Nator ...	0.80	5 $\frac{3}{8}$	4 $\frac{7}{8}$	
13	DINAJPUR ...	2.07	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Harvesting of jute and transplantation of winter paddy continue. There has been slight improvement of condition in police-stations Porsha, Patnitola and Dhamoirhat of Balurghat subdivision. Condition and prospects of standing crops are fair except in Balurghat subdivision. Test relief works have been opened in Patnitola and Porsha police-stations where 1,619 persons are working. Cattle-disease is reported from Gangarampur and Birole police-stations. Fodder and water are sufficient.
	Thakurgaon ...	2.50	4	4 $\frac{1}{2}$	
	Balurghat ...	0.17	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
14	JALPAIGURI ...	7.83	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Condition and prospects of standing crops are fair.
	Alipur ...	4.15	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
15	DARJEELING ...	3.99	4	4	Potatoes and maize are being harvested and <i>marua</i> and paddy are growing. Harvesting of <i>bhadoi</i> paddy is going on. Fodder and water are sufficient.
	Kurseong ...	7.28	4	5	
	Siliguri ...	8.00	4	4	
	Kalimpong ...	2.28	5	5	

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
16	RANGPUR ...	6.16	4½	4½	Weather seasonable. Steeping and washing of jute are going on. Fodder and water are sufficient.
	Nilphamari ...	(n)	(n)	5	
	Kurigram ...	0.50	4½	5	
	Gaibandha ...	4.87	4½	4½	
17	BOGRA ...	0.22	4½	4½	Aman paddy has, to some extent, been damaged by floods in Shariakandi and Dhunot police-stations.
18	PABNA ...	0.05	4½	4½	Prospects of standing crops are fair. Fodder and water are adequate.
	Sirajganj ...	0.06	4½	4½	
19	MALDA ...	0.62	5	5	Weather hot and cloudy. Prospects of standing crops and effects of weather are unfavourable. Harvesting of <i>bhadoi</i> crops continues. More rain is badly needed for broadcast paddy and jute. Fodder and water are sufficient.
20	COOCH BEHAR	6.09	5½	5½	Weather seasonable. Condition and prospects of standing crops are fair. Preparation of lands for tobacco and rearing of tobacco seedlings in nursery are going on. Cattle-disease exists in interior. Fodder and water are sufficient.
21	DACCA ...	0.27	5	5	Weather seasonable. Recent rain has been beneficial to the standing crops. Harvesting of jute is over. Steeping of jute is going on in places. Prospects of standing crops appear to be fair. Rice market is rising in places. Fodder and water are sufficient.
	Manikganj ...	Nil	4½	(n)	
	Narayanganj ...	0.05	4½	4½	
	Munshiganj (a)	3.92	4½	5	
22	MYMENSINGH	4.69	4	4	Weather rainy. Prospects of crops are normal. Fodder and water are available. Rangoon rice is being imported.
	Jamalpur ...	0.98	4½	4½	
	Tangail ...	0.12	4½	4½	
	Netrakona ...	1.79	4½	4½	
	Kishorganj ...	5.97	4½	4½	

(a) Munshiganj being very near to Dacca and Narayanganj, its rainfall statistics are not quoted. To give information regarding the northern part of the district, rainfall figures for Kapasia thana are reported here.

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
23	FARIDPUR ...	Nil	4 $\frac{3}{4}$	4 $\frac{3}{4}$	Harvesting of jute still continues and that of <i>aus</i> paddy is finished. Prospects and outturn of jute and paddy are fair. Fodder is insufficient in some places.
	Goalundo (Rajbari).	0.19	4 $\frac{3}{4}$	4 $\frac{3}{4}$	
	Madaripur ...	Nil	5	5	
	Gopalganj (a) ...	0.01	4 $\frac{9}{16}$	4 $\frac{9}{16}$	
24	BAKARGANJ (BARISAL).	0.06	4 $\frac{7}{8}$	4 $\frac{7}{8}$	Weather seasonable. Rinderpest outbreak is subsiding. Fodder and water are sufficient.
	Pirojpur ...	2.46	4 $\frac{3}{4}$	4 $\frac{3}{4}$	
	Patuakhali ...	1.49	4 $\frac{3}{4}$	4 $\frac{3}{4}$	
	Dakshin Shabazpur (Bhola).	0.70	5	5	
25	CHITTAGONG ...	3.02	{ 5 $\frac{1}{2}$ 6*	{ 5 $\frac{1}{2}$ 6*	Transplantation of <i>aman</i> rice is almost completed. Prospects of standing crops are fair. Fodder and water are sufficient. <i>Panga</i> salt sells at 14 seers per rupee at Sadar and at 12 $\frac{1}{2}$ seers at Cox's Bazar. Cattle-disease is reported from Cox's Bazar, Raozan and Patia.
	Cox's Bazar ...	2.10	5 $\frac{1}{4}$	5 $\frac{1}{4}$	
26	TIPPERA (COMILLA).	0.21	4 $\frac{3}{16}$	4 $\frac{3}{16}$	Weather seasonable. Prospects of standing crops are fair. Harvesting of jute is finished.
	Brahmanbaria	2.05	4 $\frac{3}{16}$	4 $\frac{3}{16}$	
	Chandpur ...	0.64	4 $\frac{1}{2}$	5	
27	NOAKHALI ...	0.73	5	5	Weather fair. Condition of standing crops is good. Fodder and water are sufficient. Cattle-disease is reported from Sandwip.
	Feni ...	(n)	(n)	5	
28	CHITTAGONG HILL TRACTS.	5.15	{ 5 7†	5	Weather seasonable.
29	TRIPURA STATE	1.72	(n)	4	Weather hot and rainy. Fodder and water are sufficient. Cleansed cotton sells at Rs. 18 to Rs. 30 and jute at Rs. 5 to Rs. 10 per maund.

(n) Not reported.

* Burma rice.

† New.

(a) The rainfall at Haridaspur, which is very near to Gopalganj, is not shown here.

R. S. FINLOW, Director of Agriculture, Bengal.

DACCA, the 24th September 1927.

Statement showing the daily gauge readings of certain rivers at the stations named below for the week ending Thursday, the 22nd September 1927.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	Compared with previous day's height.		Height above P. W. D. datum on same date in—		Remarks.
						Rise.	Fall.	1926.	1925.	
Ganges	16th Sept. 1927...	6 A.M. ...	121.00'	0.00'	121.00'	...	0.30'	124.90'	124.50'	
	16th " " ...	6 " ...	80.35'	0.00'	80.35'	...	0.45'	84.20'	85.80'	
	16th " " ...	8-30 hours	25.90'	1.409'	27.309'	...	0.10'	25.809'	27.809'	
Brahmaputra	16th " " ...	8 A.M. ...	19.10'	314.06'	333.16'	0.10'	...	329.06'	337.46'	
	16th " " ...	8 " ...	24.00'	136.958'	160.958'	...	0.20'	149.858'	162.558'	
	16th " " ...	12 hours ...	40.40'	7.509'	47.909'	Steady		42.009'	41.809'	
Meghna	16th " " ...	7 " ...	32.05'	1.509'	33.559'	0.05'	...	30.709'	31.409'	
	16th " " ...	18 " ...	22.00'	1.61'	23.61'	0.08'	...	21.19'	21.28'	
	16th " " ...	" " ...	...	1.61'	...	...	...	13.19'	14.03'	
Dhaleswari	16th " " ...	7 A.M. ...	22.80'	0.00'	22.80'	0.10'	...	19.60'	21.58'	
Bhagirathi	16th " " ...	6 " ...	23.06'	0.00'	23.06'	...	0.35'	29.56'	27.609'	
Damodar	16th " " ...	6 " ...	4.58'	92.58'	97.16'	...	0.33'	98.66'	97.58'	
Lakhya	16th " " ...	6 " ...	23.92'	-5.59'	18.33'	Steady		13.15'	18.70'	
Madaripur Bil Route Takerhat	16th " " ...	6 " ...	13.45'	0.00'	13.45'	0.05'	...	13.30'	14.70'	

Statement showing the daily gauge readings of certain rivers at the stations named below for the week ending Thursday, the 22nd September 1927.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	Compared with previous day's height.		Height above P. W. D. datum on same date in—		Remarks.
						Rise.	Fall.	1926.	1925.	
Ganges	...	...	...	...	...	...	...	...	...	...
	{ Monghyr ...	18th Sept. 1927 ...	6 A.M.	120.50'	0.00'	120.50'	...	123.00'	121.70'	
	{ Rajmahal ...	18th " " ...	6 "	79.80'	0.00'	79.80'	...	82.80'	83.80'	
Brahmaputra	...	...	...	...	...	...	...	...	...	...
	{ Goalundo ...	18th " " ...	8-30 hours	25.80'	1.409'	27.209'	...	25.609'	27.809'	
	{ Dibrugarh ...	18th " " ...	8 A.M.	18.50'	314.06'	332.56'	...	329.01'	337.26'	
Meghna	...	...	...	...	...	...	...	...	...	...
	{ Gauhati ...	18th " " ...	8 "	23.20'	136.958'	160.158'	...	149.258'	162.758'	
	{ Serajganj ...	18th " " ...	12 hours	40.30'	7.509'	47.809'	...	41.709'	42.109'	
Dhaleswari	...	...	...	...	...	...	...	...	...	...
	{ Fenchuganj ...	18th " " ...	7 "	31.95'	1.509'	33.459'	...	30.409'	31.209'	
	{ Bhairab Bazar ...	18th " " ...	18 "	21.92'	1.61'	23.53'	...	21.03'	21.28'	
Bhagirathi	...	...	...	...	...	...	...	...	...	...
	{ Chandpur ...	18th " " ...	...	...	1.61'	...	...	13.28'	14.28'	
	{ Sabhar ...	18th " " ...	7 A.M.	22.90'	0.00'	22.90'	Steady	19.20'	21.68'	
Damodar	...	...	...	...	...	...	...	...	...	...
	{ Swarupganj ...	18th " " ...	6 "	21.98'	0.00'	21.98'	...	28.93'	28.119'	
	{ Edilpur ...	18th " " ...	6 "	3.33'	92.58'	95.91'	...	98.25'	96.58'	
Lakhya	...	...	...	...	...	...	...	...	...	...
	{ Narayanganj ...	18th " " ...	6 "	23.67'	-5.59'	18.08'	...	16.83'	18.74'	
	{ Takerhat ...	18th " " ...	6 "	13.45'	0.00'	13.45'	...	13.30'	14.651'	

Statement showing the daily gauge readings of certain rivers at the stations named below for the week ending Thursday, the 22nd September 1927.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	Compared with previous day's height.		Height above P. W. D. datum on same date in—		Remarks.
						Rise.	Fall.	1926.	1925.	
Ganges	19th Sept. 1927	6 A.M. ...	120.00'	0.00'	120.00'	...	0.50'	121.30'	120.80'	
	19th " "	6 " "	79.40'	0.00'	79.40'	...	0.40'	81.70'	82.60'	
	19th " "	8-30 hours	25.70'	1.409'	27.109'	...	0.10'	25.309'	27.709'	
Brahmaputra	19th " "	8 A.M. ...	18.10'	314.06'	332.16'	...	0.40'	328.81'	336.96'	
	19th " "	8 " "	22.90'	136.958'	159.858'	...	0.30'	149.058'	162.958'	
	19th " "	12 hours ...	40.10'	7.509'	47.609'	...	0.20'	41.609'	42.309'	
Meghna	19th " "	7 " "	31.90'	1.509'	33.409'	...	0.03'	30.159'	31.209'	
	19th " "	18 " "	21.83'	1.61'	23.44'	...	0.08'	20.94'	21.28'	
	19th " "	.....	...	1.61'	...	...	...	13.44'	14.36'	
Dhaleswari	19th " "	7 A.M. ...	22.80'	0.00'	22.80'	...	0.10'	19.00'	21.68'	
	19th " "	6 " "	21.22'	0.00'	21.22'	...	0.76'	28.57'	28.219'	
	19th " "	6 " "	3.00'	92.58'	95.58'	...	0.33'	104.33'	96.08'	
Lakhya	19th " "	6 " "	23.54'	-5.59'	17.95'	...	0.12'	16.74'	18.78'	
	19th " "	6 " "	13.35'	0.00'	13.35'	...	0.10'	13.25'	14.651'	

Statement showing the daily gauge readings of certain rivers at the stations named below for the week ending Thursday, the 22nd September 1927.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	Compared with previous day's height.		Height above P. W. D. datum on same date in—		Remarks.
						Rise.	Fall.	1926.	1926.	
Ganges	22nd Sept. 1927	6 A.M. ...	118.00'	0.00'	118.00'	...	0.50'	123.00'	118.50'	
	22nd "	6 " ...	78.00'	0.00'	78.00'	...	0.50'	80.20'	79.80'	
	22nd "	8-30 hours	25.10'	1.409'	26.509'	...	0.30'	24.209'	27.309'	
Brahmaputra	22nd "	8 A.M. ...	17.00'	314.06'	331.16'			330.56'	336.56'	
	22nd "	8 "	21.80'	136.958'	158.758'	...	0.60'	149.658'	162.958'	
	22nd "	12 hours ...	39.70'	7.509'	47.209'	...	0.10'	41.109'	42.709'	
Meghna	22nd "	7 " ...	31.60'	1.509'	33.109'	...	0.10'	29.709'	31.359'	
	22nd "	" "		1.61'				20.78'	21.19'	
	22nd "	" "		1.61'				13.69'	14.36'	
Dhaleswari	22nd "	7 A.M. ...	22.50'	0.00'	22.50'	...	0.10'	18.80'	21.98'	
Bhagirathi	22nd "	6 " ...	18.96'	0.00'	18.96'	...	0.71'	27.05'	27.599'	
Damodar	22nd "	6 " ...	2.33'	92.58'	94.91'	...	0.17'	102.58'	94.83'	
Lakhya	22nd "	6 " ...	23.17'	- 5.53'	17.58'	...	0.08'	16.49'	18.62'	
Madaripur Bil Route	22nd "	6 " ...	13.00'	0.00'	13.00'	...	0.10'	13.00'	14.401'	
Takerhat	22nd "	" "								

Statement of weekly gauge-readings on the river Ganges at Rampur Boalia for the week ending the 17th September 1927.

Date.	Hour.	Height of surface above zero of gauge.	Height of surface above P. W. D. datum.	Height of surface above P. W. D. datum on the same date last year.	Remarks.
1927. 11th September ...	7 A.M.	58.50	58.50	60.05 at 7 A.M. 60.15 at 5 P.M.	P. W. D. datum 6.25 feet above Kidderpur old dock sill.
12th "	7 "	58.15	58.15	60.10	B. M. on Rajshahi College step 64.73. Value of zero of gauge = 0.00 P. W. D.
13th "	7 "	57.85	57.85	59.85	
14th "	7 "	57.40	57.40	59.65	
15th "	7 "	56.90	56.90	59.45	
16th "	7 "	56.20	56.20	59.10	
17th "	7 "	55.70	55.70	58.80	

		P. W. D. datum.	
The previous year's	Highest water-level	on 11th September 1926	... 60.15
Do.	Lowest "	on 25th May 1927	... 34.95
Record	Highest "	... 69.25 on 2nd August 1879	... 64.44
Do.	Do. "	... 69.08 on 9th September 1885	... 64.27
Do.	Do. "	... 68.30 on 25th August 1906	... 63.47
Do.	Do. "	... 68.21 on 26th August 1920	... 63.40
Do.	Do. "	on 13th August 1922	... 61.70
Do.	Do. "	on 27th August 1923	... 61.05
Do.	Do. "	on 18th August 1924	... 61.35
Do.	Do. "	on 16th September 1925	... 61.45
Do.	Lowest "	... 37.63 on 25th April 1884	... 32.82
Do.	Do. "	... 38.13 on 14th and 15th April 1883	... 33.82
Do.	Do. "	... 39.02 on 21st and 22nd April 1897	... 34.21
Do.	Do. "	... 39.28 on 6th and 7th May 1908	... 34.47
Do.	Do. "	on 9th May 1922	... 34.70
Do.	Do. "	on 4th May 1923	... 35.80
Do.	Do. "	on 25th May 1924	... 35.95
Do.	Do. "	on 15th April 1925	... 35.80

N.B.—The gauge-readings commenced from the 1st August 1887.

W. R. ROBSON, *Subdivisional Officer,*

I. D., Rajshahi.

RAMPUR BOALIA, the 17th September 1927.

Statement of weekly gauge-readings on the rivers Ganges and Brahmaputra at Goalundo for the week ending the 17th September 1927.

Month and date.	Hour.	Height of surface above zero.	Height of surface above mean sea-level.	Height of surface above mean sea-level on the same date last year.	Remarks.
1927. 11th September ...	7 A.M.	25.5	25.5	25.0	Zero is placed at mean sea-level.
12th "	7 "	25.6	25.6	24.9	The bench-mark for this gauge is marked on a pucca base between passenger ghât and Chandpur ghât at Goalundo.
13th "	7 "	25.7	25.7	24.8	
14th "	7 "	25.8	25.8	24.7	
15th "	7 "	25.0	25.0	24.5	
16th "	7 "	25.9	25.9	24.4	
17th "	7 "	25.9	25.9	24.3	

Highest recorded flood during previous year ... 26.4 on 15th August 1926.

Highest recorded flood ... 26.7 on 23rd and 24th August 1914, 26.5 on 15th September 1925, 25.75 on 28th August 1906, and 25.66 on 11th to 17th and 31st August 1889 and 1st to 3rd September 1883.

Lowest recorded water-level during previous year ... 6.0 on 24th February 1926.

Previous recorded low water-level ... 1.0 on 8th February 1914.

N.B.—The gauge-readings commenced from 3rd October 1909.

A. M. PAUL, for *Subdivisional Officer,*

P. W. D., Faridpur.

RAJBARI, the 18th September 1927.

**Statement showing the gauge-readings at Dacca water-works on the river
Burliganga for the week ending 17th September 1927.**

Date.	At highest water.		At lowest water.		Commencement of—		Remarks.
	Time.	Reading.	Time.	Reading.	Ebb tide.	Flow tide.	
1927.							7 A.M. 5 P.M.
11th Sept. ...							17.4 17.5
12th " ...							17.65 17.8
13th " ...							17.95 18.1
14th " ...							18.3 18.4
15th " ...							18.55 18.6
16th " ...							18.65 18.65
17th " ...							18.7 18.6

B. M. on settling tank 39.49 O. M. S. L. Zero is at O. M. S. L.

Notable high and low water-levels of previous years.

High.			Low.		
27th August 1906	...	70.5	23rd February 1907	...	51.06
5th September 1909	...	66.86	13th " 1908	...	51.06
10th August 1910	...	69.86	12th March 1912	...	51.06
1st " 1911	...	68.46	6th " 1914	...	50.60
13th " 1912	...	67.16	22nd February 1915	...	50.80
31st " 1915	...	69.7	15th " 1916	...	50.60
8th " 1916	...	68.1	3rd March 1917	...	51.0
12th " 1917	...	67.1	21st February 1918	...	51.40
18th " 1918	...	69.12	26th " 1919	...	50.4
2nd " 1919	...	66.8	18th " 1920	...	50.9
8th September 1920	...	66.9	19th " 1921	...	50.9
28th July 1921	...	68.4	8th March 1922	...	51.05
10th August 1922	...	68.00	14th " 1923	...	50.8
31st July 1923	...	66.15	16th February 1924	...	50.50
29th August 1924	...	68.82	5th March 1925	...	50.9
8th September 1925	...	65.52	9th February 1926	...	2.2
15th August 1926	...	19.6			

N.B.—Zero of the gauge at Dacca water-works prior to 11 A.M. on 8th January 1926 = -48.51 with reference to P. W. D. datum.

Zero of the gauge at Dacca water-works since 11 A.M. on 8th January 1926 = 0.00 with reference to P. W. D. datum.

P. C. BASU, *Executive Engineer,*
Khulna Division.

KHULNA, the 21st September 1927.



The Calcutta Gazette

THURSDAY, OCTOBER 6, 1927.

SUPPLEMENT.

Official Papers.

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GOVERNMENT OF BENGAL.

REVENUE DEPARTMENT.

Land Revenue.

CALCUTTA, THE 20TH SEPTEMBER 1927.

RESOLUTION—No. 642T.R.

READ—

The Final Report on the Survey and Settlement Operations in the district of Bankura.

Letter No. XXV-4—753, dated the 17th November 1926, from the Director of Land Records and Surveys, Bengal, submitting the report.

Bankura is one of the poorest and most backward districts in the province. A distinctive feature of the population is the preponderance of the Sonthals and other aboriginal tribes in the western part of the district. Physically also this tract has a distinctive character showing the beginning

of those rocks and dense forests which overspread the Sonthal Parganas and Chota Nagpur. The settlement of the district was taken up largely with a view to protect these primitive tribes who were being ousted from their lands. The Bengal Tenancy Amendment Act of 1918 (Act II of 1918) imposes restrictions on the alienation of land by the Sonthals and Bhumijes, but the Act in question was passed too late to save a large proportion of these aborigines whose lands had already passed into the hands of Bengali Mahajans. Even in the subsequent period it has hardly had the effects anticipated from it, partly because it was not accompanied by the other reforms advocated in Mr. McAlpin's report which led to the passing of the Act, viz., the establishment of grain *golās* to lend rice instead of money to the Sonthals and the regular appointment of Sonthal-knowing officials. The story is a tragic one, but the report of Mr. F. W. Robertson, I.C.S., the Settlement Officer, shows that the ruin of the Sonthals is mainly due to the fact that owing to their illiteracy, improvidence and simplicity they can never cope with their more intelligent and shrewd neighbours with a higher standard of culture and literacy. Those who lost their lands either migrated to other districts or were reduced to the status of bhagidars and under-raiyats.

2. The area of the district is 2,647 square miles of which about one-fifth is covered by jungle. The population according to the Census of 1921 is 10,19,941 or 385 souls per square mile against the total of 11,38,670 or 434 souls per square mile according to the Census of 1911. This alarming decrease of 10 per cent. of the population in course of a decade has been attributed partly to the influenza epidemic of 1918-19 which caused unprecedented loss of life, but mainly to malaria. The ravages of this disease are certainly increased by the extremely insanitary condition of the villages and the Governor in Council trusts that with the introduction of the Rural Public Health Organisation scheme it will be possible to effect an appreciable improvement in this direction.

3. Of the total population, 8,05,170 souls or 79 per cent. depend upon the land, 67 per cent. being actual cultivators and their dependants. But of the total area of the district only 47 per cent. is culturable, and even this moiety suffers so much from drought and unequal distribution of rainfall that a partial or total failure of crops occurs every third or fourth year. Even in a normal year, the Settlement Officer calculates that the total yield of paddy is barely sufficient to provide 84 per cent. of the population with two meals a day. The improvement of the economic position of the district seems to depend on the reafforestation of the higher plains and the provision of ample irrigation facilities for the remainder. Both subjects have been receiving the anxious consideration of the departments concerned, and also of various local associations. Since the settlement operations were completed many co-operative credit societies have been formed for the excavation and maintenance of irrigation tanks and wells. The Irrigation Department of Government have just opened a new division at Bankura with a wholtime Executive Engineer. The Governor in Council hopes that the joint and concerted endeavours of these two progressive departments will not take long to effect a real improvement of the situation. In the meantime arrangements have been made by the Agriculture and Industries Department to start co-operative grain *golās*.

4. Though not a single plot of land has been recorded as proprietor's private land under chapter XI of the Bengal Tenancy Act it is surprising to find that very nearly half of the area of the district is in direct possession of the landlords and the other half is held by the cultivating raiyats and under-raiyats, the latter holding only 4 per cent. of the area. 16 per cent. of the area is held by raiyats on produce rent and 9 per cent. on mixed cash and produce rent, i.e., one-fourth of the whole area of the district is held on produce rent in some shape. This abnormal disparity in the distribution of land and the large proportion of produce rent tenancies are the direct effects of alienation of lands by the aborigines who are now reduced to the status of mere labourers. This state of things is undoubtedly wrong, but it is probably too late to devise any practicable remedy.

5. Over 10 per cent. of the area is held by the raiyats at fixed rates and most of the under-raiyats have got occupancy rights by custom and even fixity of rent. The incidence of rent of occupancy raiyats is only Rs. 1-12-7 per acre. This is perhaps the lowest on record in Bengal, but it is partly due to the general unproductivity of the soil.

6. Traverse survey began in 1914-15, but the operations were stopped on account of the great European War and restarted in 1917-18. They were completed in the year 1924-25. The subdivision of Asansol in the district of Burdwan was included in the operations to meet the wishes of the Mining and Geological Institute for accurate 4" maps of the coal area. The total cost of the operations was estimated at Rs. 28,62,218, but the Settlement Officer is to be congratulated on managing to complete the operations at a cost of Rs. 28,39,894 despite the increase of prices due to the war. Recovery of costs was satisfactory and only about half per cent. of the recoverable amount had to be remitted. The Governor in Council desires to place on record his high appreciation of the services of Mr. F. W. Robertson, I.C.S., who inspite of many difficulties organised and carried through the operation in this backward and inhospitable district with efficiency. The good services rendered by the Assistant Settlement Officers specially commended by the Settlement Officer will be brought to the notice of the Appointment Department.

By order of the Governor in Council,

F. A. SACHSE,

Secretary to the Government of Bengal.

FINAL FORECAST OF THE JUTE CROP, 1927.

Consolidated statement for Bengal, Bihar and Orissa, and Assam.

Area.—The estimated area for the three Provinces is 3,371,000 acres, a decrease of 476,000 acres, as compared with last year's revised returns.

Yield.—It is estimated that the crop will yield 10,230,000 bales of jute, *i.e.* less than last year's revised total by 1,958,000 bales.

Remarks.—Last year's estimates for the three Provinces of Bengal, Bihar and Orissa and Assam have been revised by the respective Directors of Agriculture.

The consolidated returns are as follows:—

Province.	Area in acres.			Yield in bales.		
	1926.*	1927.	Difference.	1926.*	1927.	Difference.
Bengal (including Cooch Behar and Tripura States).	3,363,900	2,962,100	– 401,800	10,769,200	9,054,700	– 1,714,500
Bihar and Orissa ..	297,000	241,000	– 56,000	819,300†	717,000†	– 102,300
Assam ..	186,000	168,000	– 18,000	599,000	458,000	– 141,000
Total ..	3,846,900	3,371,100	– 475,800	12,187,500	10,229,700	– 1,957,800

*Revised.

†Including Nepal.

The Departmental Final Forecasts for the three Provinces are appended.

ROBERT S. FINLOW,

Director of Agriculture, Bengal.

CAMP CALCUTTA,

The 28th September 1927.

APPENDIX.

Abstract Statement of estimated acreage and outturn of the Jute Crop, 1927.

(For Bengal, Bihar and Orissa and Assam consolidated.)

Acreage.							Outturn in bales.								
Of current year's crop.	Of previous year's crop.	Average of five preceding years (viz., 1921—1925).	Average of ten preceding years (viz., 1916—1925).	Percentage by which column 1 exceeds (+) or falls short of (—) area in—			Estimated yield of current year.	Yield of previous year according to—		Average of five preceding years (viz., 1921—1925).	Average of ten preceding years (viz., 1916—1925).	Percentage by which column 8 exceeds (+) or falls short of (—) outturn in—			
				Column 2.	Column 3.	Column 4.		Crop forecast.	Trade statistics.			Column 9 (a).	Column 9 (b).	Column 10.	Column 11.
1	2	3	4	5	6	7	8	9(a)	9(b)	10	11	12	13	14	15
3,371,100	3,846,900	2,398,300	2,527,800	-12·4	+40·6	+33·4	10,229,700	12,187,500	12,199,646	7,034,400	7,401,900	-16·06	-16·15	+45·4	+38·2

*Revised.

DEPARTMENT OF AGRICULTURE, ASSAM.

Final Forecast of the Jute Crop of Assam, 1927.

[NOTE.—On the average of the five years ending 1925-26, the area under jute in Assam represents 5.1 per cent. of the total area under jute in British India.]

The character of weather during the season has been generally unfavourable for the cultivation and growth of the crop. The weather after the issue of the preliminary forecast improved slightly in the Surma Valley and the districts of Darrang and Sibsagar while in Kamrup and Garo Hills it became worse. The crop suffered to some extent from heavy rains in places. Some damage has been done to the crop by floods in all districts and also by insects in Goalpara, Kamrup, Darrang and Nowgong.

The total area under jute as estimated by the District Officers is 168,000 acres against 186,000 acres (revised) of last year and 177,900 acres shown in the preliminary forecast of this year. The decrease as compared with the final figures for last year is in the districts of Cachar, Sylhet, Goalpara and Darrang and is due to the fall in price of jute during last year and the unfavourable weather at sowing time. The decrease as compared with the preliminary forecast is only in the district of Goalpara due to the revision of area by the Deputy Commissioner. The figures shown in the preliminary forecast have been raised in three districts and reduced in one only.

The average outturn of jute fibre per acre has been estimated to be 78 per cent. of the normal against 85 per cent. of last year. Taking 3.5 bales (of 400 lbs.) as the normal yield per acre the total outturn of the province comes to 458,300 bales against 599,000 bales in 1926 (now revised), or a decrease of about 24 per cent.

K. L. BARUA,

Director of Agriculture, Assam.

SHILLONG,

The 14th September 1927.

APPENDIX I.

Final forecast of the jute crop of Bengal, 1927.

District.	Estimated area under jute, in acres.		Estimated outturn as a percentage of the normal yield per unit of area.		Estimated total yield in bales of 400 lbs.		Date by which harvesting generally commenced and whether that date was early, normal or late.	Remarks by District Officers.
	Last year.*	This year.	Last year.*	This year.	Last year.*	This year.		
1	2	3	4	5	6	7	8	9
	Acres.	Acres.			Bales.	Bales.		
24-Parganas ..	76,000	62,000	71	96	172,400	191,000	Second week of September. Late.	The high percentage of yield this year is due to favourable weather condition during the growing period. The late harvest is due to scarcity of water for steeping.
Nadia ..	97,000	79,000	87	83	268,600	211,000	End of August. Normal.	In some places the crop was damaged by insects and drought also affected the crop to some extent. Much difficulty is being felt at present for steeping for want of sufficient water and unless there be good showers within the next few days, the estimated yield will fall far below the estimate.
Murshidabad ..	41,000	33,000	70	84	91,800	89,000	Middle of September. Late.	The general decrease in comparison with last year is due to drought and to poor price obtained last year. The harvesting is being delayed for want of water for steeping.
Jessore ..	132,000	107,000	73	100	307,800	342,000	August. Late ..	Want of rain has affected the steeping but the recent showers have supplied the deficiency. The insufficient rain did not affect the growth very seriously. Steeping in bad water may affect the quality.
Khulna ..	48,000	39,000	105	93.7	161,200	117,000	End of August. Normal.	....
Burdwan ..	5,000	5,000	77	88	12,300	14,000	First week of September.	Drizzling rain made the jute grow well. But slight damage due to insects was done in some places though it did not amount to any appreciable loss.
Midnapore ..	11,000	9,000	80	93.75	28,000	27,000	Middle of September. Normal.	The decrease in area is due to low price of jute obtained last year. Some damage was done by insects and floods.
Hooghly ..	34,000	31,000	53	112.5	58,200	111,000	End of August ..	The weather being very favourable all through, the yield expected is above the normal. There may, however, be difficulty in steeping in many places.
Howrah ..	15,000	12,000	93	91	44,800	35,000	Third week of August. Normal.	The condition and prospects of the crop are quite fair.
Rajshahi ..	126,000	105,000	91	86	399,600	315,000	Beginning of August. Late.	The weather was not favourable at the time of sowing. Subsequently, however, the condition improved and the plants thrived well. But owing to continuous drought the tanks, the ditches and <i>khals</i> have become dry and great difficulty is being experienced in steeping. As a matter of fact many cultivators are not cutting the plants for difficulty of steeping. The yield would therefore be necessarily far less than that of the previous year.
Dinaipur ..	83,000	73,000	89	81	258,600	208,000	By the end of August. Late.	The low outturn is due to short rainfall during the growing period of the crop.
Jalpaiguri ..	56,000	48,000	96	79	188,000	133,000	Normal ..	The damage done by hailstorms in April and subsequent heavy rains gave the crop a non-uniform growth throughout the district. Subsequent favourable weather could not improve it much.
Darjeeling ..	3,700	3,700	69	69	9,000	9,000	Last week of August.	The condition of the crop is fairly good.
Rangpur ..	352,000	309,000	99	87	1,220,000	944,000	Lowlands—July, Normal. High-lands—Beginning of September. Late.	The decrease in outturn is due to unfavourable weather.
Bogra ..	104,000	105,000	85	85	308,900	312,000	End of June ..	Owing to scarcity of rain there was no water sufficient for steeping and washing jute. The quality of the fibre is therefore very poor and many cultivators have not harvested their crop.

*Revised.

District.	Estimated area under jute, in acres.		Estimated outturn as a percentage of the normal yield per unit of area.		Estimated total yield, in bales of 400 lbs.		Date by which harvesting generally commenced and whether that date was early, normal or late.	Remarks by District Officers.
	Last year.*	This year.	Last year.*	This year.	Last year.*	This year.		
1	2	3	4	5	6	7	8	9
	Acres.	Acres.			Bales.	Bales.		
Pabna ..	178,000	156,000	90	89	558,500	486,000	Sadar—Middle of August. Late. Sirajganj—Middle of July. Normal.	The decrease in area is due to abnormally low price of jute last year. Want of rain at sowing time and about a month after sudden rise of rivers in June affected the growth to some extent. Want of rain and fall of river subsequently affected the steeping to some extent in August but rise of the rivers <i>Padma</i> and <i>Jamuna</i> have removed the difficulty to a great extent from the beginning of September.
Malda ..	40,000	43,000	65	51	111,900	77,000	Beginning of September. Late.	The prolonged drought has affected the outturn and also caused the harvesting to be late. There is already difficulty of water for steeping and if there be not more rain shortly much of the crop may remain unharvested and in that case the outturn will be still less.
Dacca ..	379,000	350,000	86	83	1,202,100	1,080,000	July. Normal ..	The weather was favourable at sowing time. Sudden rise of water level in April and hailstorms damaged a small area. Growth was retarded by deficiency in rainfall especially in August. Hence the outturn falls below the normal.
Mymensingh ..	730,000	662,000	95	87·8	2,564,200	2,150,000	Middle of July. Normal. (Except for the area subject to early floods.)	....
Faridpur ..	311,000	272,000	99	84	1,138,300	849,000	Middle of July. Normal.	The weather conditions have been generally unfavourable until very recently. Highland jute is better than lowland. The quality of the crop is reported to be comparatively inferior. The shortage of flood water has made the steeping of highland jute difficult and also of lowland jute in non-riparian areas.
Bakarganj ..	62,000	50,000	102	86	235,000	160,000	Latter part of July. A little late.	The lowlying crop has suffered much due to unfavourable condition and as such the outturn is below the normal.
Chittagong ..	200	200	95	95	700	700	Second week of August. Normal.	The crop is cultivated here for domestic use as vegetables and rope-making and not for commercial purposes.
Tippera ..	350,000	319,000	84	84	1,080,100	989,000	Latter part of July. Normal.	The outturn is below the normal owing to too much rain at the early stage and hailstorm in Chandpur is also partly responsible for this.
Noakhali ..	72,000	56,000	81	70	218,300	146,000	July and August. Normal.	The decrease in area is due to fall of price last year. Unfavourable weather almost throughout the year is responsible for the low outturn.
Total for Bengal	3,314,900	2,928,900	..	..	10,638,300	8,995,700		
Cooch Bihar ..	43,000	29,000	78	50	117,500	51,000	Third week of June to beginning of August. Normal everywhere except in Sadar where it was late.	The decrease in area is due to low price of jute last year. Estimated total yield is low due to hailstorm and excessive rain in certain parts of the State.
Tripura State ..	6,000	4,200	60	52	13,400	8,000	Second week of August. Normal.	....
GRAND TOTAL	3,363,900	2,962,100	..	..	10,769,200	9,054,700		

* Revised.

APPENDIX II.

Statement showing the rainfall (in inches) in July and August each year from 1924 to 1927.

District.	Rainfall in July.					Rainfall in August.				
	1924.	1925.	1926.	1927.	Normal.	1924.	1925.	1926.	1927.	Normal.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
24-Parganas	10·78	15·71	28·89	13·91	13·06	13·11	8·29	20·37	8·85	12·63
Nadia	10·10	10·99	19·97	9·34	9·97	8·87	7·76	16·43	5·84	10·19
Murshidabad	12·13	10·82	12·97	5·75	10·81	7·63	8·43	8·76	5·60	11·16
Jessore	14·96	8·84	14·05	7·35	11·08	11·61	5·12	14·49	4·89	10·75
Khulna	18·10	14·08	15·31	12·32	14·77	16·52	8·21	14·71	7·11	13·12
Burdwan	11·87	10·56	18·26	6·96	11·00	9·69	6·14	16·04	5·88	11·52
Midnapore	12·37	12·50	24·85	16·57	11·54	10·88	9·25	20·87	12·04	11·42
Hooghly	10·92	8·73	27·41	9·14	11·84	9·39	5·06	18·20	7·36	11·41
Howrah	11·64	13·64	38·25	10·31	12·59	11·96	8·22	24·04	11·68	12·13
Rajshahi	23·54	11·19	14·14	8·30	11·62	13·88	9·13	10·99	3·60	10·75
Dinajpur	20·79	13·85	16·50	10·37	16·21	13·71	14·87	10·03	9·30	14·62
Jalpaiguri	32·05	19·64	59·38	26·78	34·81	25·65	41·16	18·29	18·98	28·23
Darjeeling	42·30	25·04	38·61	33·91	31·45	25·65	29·96	34·21	24·75	25·84
Rangpur	19·87	13·64	17·51	10·14	15·25	13·15	17·92	6·70	7·20	13·48
Bogra	14·11	11·16	11·83	8·10	12·07	12·75	9·53	12·82	5·89	11·54
Pabna	17·41	8·50	10·10	7·03	10·57	11·32	9·20	11·33	4·82	11·23
Malda	20·55	13·62	13·88	7·72	12·10	9·69	10·26	7·63	4·84	11·58
Dacca	19·86	10·13	12·40	8·84	13·27	13·10	7·05	12·80	5·55	12·78
Mymensingh	21·64	12·31	16·37	13·84	16·70	19·01	14·06	16·48	11·23	17·09
Faridpur	23·48	10·22	11·83	6·31	12·85	11·73	4·23	11·68	3·96	12·98
Bakarganj	25·46	23·90	23·75	13·20	18·41	18·09	14·85	20·72	11·86	16·64
Chittagong	27·13	31·84	31·98	19·82	26·42	24·62	17·92	26·78	13·02	23·18
Tippera	26·14	9·30	18·74	10·08	13·75	16·64	10·08	10·95	8·62	14·90
Noakhali	29·24	28·48	23·68	17·45	23·55	18·76	16·21	23·37	11·51	23·48
Cooch Behar	31·59	14·99	22·75	25·56	25·46	21·01	28·80	17·82	14·21	21·28
Tripura State	14·79	6·27	8·67	12·79	12·10	13·48	11·80	8·81	8·47	11·79

NOTE.—The figures given above are the averages for all the rain registering stations in each district.

DEPARTMENT OF AGRICULTURE, BIHAR AND ORISSA.

Final Forecast of the Jute Crop of Bihar and Orissa, 1927.

[NOTE.—On an average of the five years ending 1925-26, the area under jute, to which the Bihar and Orissa forecast relates, represents about 9.0 per cent. of the total area under jute in British India.]

Acreage.—The final district returns of the seven jute growing districts of the province show an area under jute of 193,200 acres, as against the finally revised figure of 297,000 acres last year. But these estimates have proved to be very much too low in recent years and I have reason to believe that the area sown in the current year will be approximately 241,000 acres. There has been a noticeable decrease in area in Purnea district due to the fact that the crop fetched a very low price last year.

Weather conditions.—In March light rain fell in all the jute districts, the fall being above the normal everywhere except in Cuttack and Balasore. In April light to moderate rain fell in Balasore and scanty showers in other jute districts. In May rain fell in all districts; the fall was above the normal in Champaran and Purnea only. In June moderate rain fell in all the districts. In July rain fell in all the districts, but the fall was below the normal in Champaran, Purnea and the Santal Parganas. In August rain fell in all the districts, the fall was above the normal in Santal Parganas, Cuttack and Balasore but much below normal in Purnea and other jute districts. In Purnea Sadar, the growth of the crop was retarded for want of sufficient rain. Floods have done some damage to the crop in Cuttack and Balasore.

Outturn.—In the important jute districts of Purnea and Cuttack, the outturn of the crop has been estimated as 70 and 84 per cent. of normal respectively. Champaran reports a normal crop, *i.e.*, 100 per cent. Bhagalpur and Santal Parganas report 93 and 90 per cent., respectively, and Muzaffarpur and Balasore report 60 and 40 per cent., respectively.

On the basis of the area and percentage outturn reported by the District Officers the total gross outturn of the crop for the province this year comes to 412,900 bales, but on the assumption that the area approximates 241,000 acres, as suggested in the preliminary forecast, and taking the normal outturn as 3.17 bales per acre, the total gross outturn of the province will approximately be 667,000 bales against 763,500 bales, the revised final estimate for last year.

The import of jute from Nepal, estimated at 50,000 bales brings the total for the province to 717,000 bales.

I have no reason to believe that the reports as to the condition of the crop are pessimistic.

A. C. DOBBS,

Director of Agriculture, Bihar and Orissa.

CAMP RANCHI,

The 16th September 1927.

APPENDIX I.

Final forecast of the jute crop of Bihar and Orissa for 1927.

Division.	District.	Total area of the district.	Estimated total area under cultivation.	Estimated normal area under jute. (This figure has been arrived at by taking the average of ten years immediately preceding the year to which this forecast relates).	Estimated area under jute.		Estimated outturn as a percentage of a normal yield per unit of area.		Estimated total yield.		Date by which harvesting generally commenced and whether that date was early, normal or late.	Remarks by District Officers.
					Last year 1926.	This year 1927.	Last year 1926.	This year 1927.	Last year 1926.	This year 1927.		
1	2	3	4	5	6	7	8	9	10	11	12	13
Tribut	Champaran	2,259,840	1,430,200	1,700	1,500	1,500	100	100	5,000	4,500	1st week of August in Sadar. Not yet commenced in Bettiah.	Weather and rainfall have been favourable for the growth of the crop. A normal outturn is expected.
	Muzaffarpur	1,942,324	1,627,000	1,900	2,600	3,300	75	60	6,500	5,940	Not yet begun	The increase in area is due to the fact that a large area has been found under the crop after enquiry in Sahabganj, Paroo and Sadar thanas.
	Bhagalpur	2,661,020	1,684,100	1,800	3,740	2,509	138	93	17,300	7,000	August (normal)	As the people had to sustain a loss last year due to the fall in price of jute the cultivation of crop decreased during the year under report. Prospect of the crop is good.
Bhagalpur	Purnea	3,196,153	1,694,400	174,400	265,364	165,852	80	70	672,000	348,289	Middle of July	The decrease in area is due to the fact that the crop fetched a very low price last year. The condition of the crop is fair. Its growth was retarded at Sadar for want of sufficient rainfall.
	Santal Parganas	3,490,400	1,717,900	1,200	2,000	1,470	90	90	6,000	3,969	In Pakaur last week of August and in Rajmahal beginning of August. Normal.	The weather and rainfall have been favourable for the growth of the crop.
	Cuttack	2,340,307	1,223,500	18,800	17,600	15,800	88	84	52,000	39,816	1st week of August (normal).	The weather and rainfall have been favourable for the growth of the crop excepting in Jajpur subdivision where a little damage was done to the crop on account of high floods. Hence the decrease in outturn.
Orissa	Belasore	1,332,621	932,200	2,300	2,800	2,800	50	40	4,700	3,360	Not yet commenced	Jute is chiefly grown on river side lands and this year owing to unusual heavy floods the crop has been severely damaged. The outturn is expected to be low.
	Total	17,222,665	10,309,300	202,100	(a) 295,604	(b) 193,231	81	71.7	*763,500	†412,874	....

(a) Revised to 297,000 acres.

(b) Revised to 241,000 acres.

* Revised figures.

† 667,000 bales on the revised area on the basis of 3.17 bales per acre.

APPENDIX II.

Abstract statement of estimated acreage and outturn of the jute crop, 1927.

Province.	Acreage.							Outturn in bales of 400 lbs.								
	Of current year's crop.	Of previous year's crop.	Average of five preceding years (viz., 1921—1925).	Average of ten preceding years (viz., 1910—1925.)	Percentage by which column 2 exceeds (+) or falls short of (—) area in—			Estimated yield of current year.	Yield of previous year.		Average of five preceding years (viz., 1921—1925).	Average of ten preceding years (viz., 1910—1925).	Percentage by which column 9 exceeds (+) or falls short of (—) outturn in—			
					Column 3.	Column 4.	Column 5.		Crop forecast.	Trade statistics.			Column 10(a).	Column 10(b).	Column 11.	Column 12.
1	2	3	4	5	6	7	8	9	10(a)	10(b)	11	12	13	14	15	16
Bihar and Orissa	* 241,000	* 297,000	200,200	198,000	— 19	+ 20	+ 22	667,000	* 763,500	..	445,100	463,000	— 12·6	..	+ 49·9	+ 44

*Revised.

APPENDIX III.

Name of district.	Rainfall in July.				Rainfall in August.				Normal rainfall.	
	1924.	1925.	1926.	1927.	1924.	1925.	1926.	1927.*	July.	August.
1	2	3	4	5	6	7	8	9	10	11
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Champaran	22·16	14·35	16·00	12·78	15·21	20·90	11·60	6·45	14·47	13·86
Muzaffarpur	20·21	9·37	15·38	11·84	13·73	17·95	9·42	7·81	11·77	11·89
Bhagalpur	17·53	11·05	17·10	12·36	10·63	12·89	9·34	4·17	12·24	11·71
Purnea	26·59	14·76	23·92	12·44	16·01	14·02	13·69	7·76	16·90	14·97
Santal Parganas	15·58	11·70	16·20	10·18	11·56	9·62	11·37	12·47	12·69	12·00
Cuttack	6·94	20·04	11·56	15·01	10·67	13·22	22·14	18·14	12·20	12·08
Balasore	7·24	11·01	10·58	20·05	12·29	13·64	21·88	12·13	11·18	11·51

* Figures relate to headquarters only up to 29th August.

DEPARTMENT OF AGRICULTURE, BENGAL.

Final Forecast of the Jute Crop of Bengal, 1927.

[NOTE.—On an average of the five years ending 1925-26, the area under jute in Bengal, to which this forecast relates, represents some 84.7 per cent. of the total area under jute in British India.]

Season.—Early weather conditions were generally exceptionally favourable and on this account sowings were probably larger than otherwise might have been the case. On the whole later conditions have also been favourable for growth, though excessive rain caused damage in Noakhali, and a part of Tippera, also in parts of Northern Bengal, including Jalpaiguri and Cooch Behar. In many tracts the crop may be regarded as unusually well-grown; but during July, August and the beginning of September there was considerable anxiety regarding steeping water. Good rain and a recent marked rise of the Brahmaputra river system has eased the retting situation in Eastern Bengal, but there is still difficulty in Northern Bengal and in the Presidency and Burdwan Divisions. It is even apprehended in some parts that it may not be possible to steep a portion of the crop. Such conditions are likely to adversely affect the quality of fibre produced.

Condition of the crop.—The area under jute is 2,962,100 acres, as against 3,363,900 acres (revised) last year. Since the preliminary forecast Darjeeling and Bogra have increased their jute area, while Noakhali, Cooch Behar and Tripura States have reduced theirs.

Outturn.—As in former years the percentage figures are calculated on the basis of divisional normals which remain as follows:—

Dacca and Chittagong Divisions—3.7 bales per acre.

Rajshahi Division—3.5 bales per acre.

Presidency and Burdwan Divisions—3.2 bales per acre.

The total outturn of the crop is estimated at 9,054,700 bales of 400 lbs. as against 10,769,200 bales (revised) last year, a decrease of 1,714,500 bales.

Stocks of old jute.—It is advisable to remark that stocks of old jute carried over from last season appear to be appreciably greater than usual.

ROBERT S. FINLOW,

Director of Agriculture, Bengal.

CALCUTTA,

The 28th September 1927.

APPENDIX I.

Final forecast of the jute crop of Assam, 1927.

District.	Estimated normal area under jute.	Estimated area under jute.		Estimated outturn as a percentage of the normal yield per unit of area.		Estimated total yield in bales of 400 lbs.		Date by which the harvesting was commenced this year and whether that date was early, normal or late.	Remarks by Deputy Commissioners.
		Last year* (actual).	This year.	Last year.	This year.	Last year.	This year.		
1	2	3	4	5	6	7	8	9	10
Cachar ..	Acres. 300	Acres. 500	Acres. 300	75	80	Bales. 1,300	Bales. 800	Latter part of August. Normal.	The weather was unfavourable at the beginning of the season on account of heavy rain but it improved afterwards and the prospects of the crop appear to be somewhat satisfactory. There was a fall in the price of jute. The flood in April damaged the crop to some extent.
Sylhet ..	20,000	22,000	19,000	75	80	57,700	53,200	End of July. Normal.	There was heavy rain during the early part of the season which was subsequently followed by drought. The season was on the whole not quite favourable. The increase in the cultivation of rise and the fall in price of jute also account for the decrease in area. The increase in area as compared with the preliminary forecast is due to the revised estimate in the Habiganj Subdivision. The early flood caused certain damage to the crop.
Goalpara ..	60,000	68,100	52,000	90	75	214,500	136,500	First part of July. Early.	The season has been unfavourable for the cultivation and growth of the jute crop and this with the low price of jute last year is responsible for the decrease in area. The area shown in the preliminary forecast which was based on the estimates of the Thana officers is not correct. Damage has been reported by insects in some places and by floods in low lands.
Kamrup ..	15,000	11,700	11,700	90	80	36,900	32,800	15th August. Normal.	The weather at the time of sowing was generally favourable. Since then it became unsatisfactory affecting growth to a certain extent. Damage to some extent was caused by flood and insects. The area reported in the preliminary forecast has been revised.
Darrang ..	12,600	20,600	10,300	85	75	61,300	50,700	Middle of July. Early.	The sowing time was not favourable owing to inadequate rain. The weather however improved afterwards by subsequent rains and was beneficial for growth of the crop. The heavy rain in June interfered with growth to some extent. On the whole the season has not been favourable. Some damage has been done to the crop by flood and insects. The area now reported has been more carefully estimated than that shown in the preliminary forecast.
Nowgong ..	40,000	57,000	59,500	85	80	169,600	166,600	7th July. Early.	The increase in area is due to gradual extension of cultivation. The weather has been unfavourable throughout the season owing to irregular rains. Floods and insects caused some damage to the crop.
Sibsagar ..	300	300	300	80	80	800	800	Middle of August. Normal.	The weather was not favourable at the beginning. It became favourable afterwards but the sudden flood in the middle of the season damaged the crop considerably.
Lakhimpur ..	200	600	700	86	95	1,800	2,300	Ditto ..	There was extension of cultivation mainly by the influx of Mymensingh settlers in the North Lakhimpur subdivision. The season was generally satisfactory although there was heavy rainfall at sowing time. The heavy flood in July caused some damage to the crop.
Garo Hills (plains).	3,300	5,200	5,200	70	80	12,700	14,600	Middle of July. Normal.	The weather was favourable during the first part of the season but unsatisfactory in the latter part. Flood damaged the crop to some extent.
Total ..	151,700	186,000	168,000	85	78	556,600†	458,300	....

*On the basis of the actual final figures.

†Revised to 599,000 bales.

APPENDIX II.

Abstract statement of estimated acreage and outturn of the jute crop, 1927.

Province.	Acreage.							Outturn in bales of 400 lbs.						
	Of current year's crop.	Of previous year's crop.*	Average of five preceding years (viz., 1921—1925).	Average of ten preceding years (viz., 1916—1925).	Percentage by which column 2 exceeds (+) or falls short of (—) area in.			Estimated yield of current year.	Yield of previous year according to crop statistics.*	Average yield of five preceding years (viz., 1921—1925).	Average yield of ten preceding years (viz., 1916—1925).	Percentage by which column 9 exceeds (+) or falls short of (—) outturn in.		
					Column 3.	Column 4.	Column 5.					Column 10.	Column 11.	Column 12.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Assam ..	168,000	186,000	112,200	107,700	—10	+50	+56	458,300	599,000	274,400	270,800	—24	+67	+69

*On the basis of the actual final figures.

APPENDIX III.

Statement of rainfall in July and August, 1924-1927.

District.	Rainfall in July.				Rainfall in August.			
	1924.	1925.	1926.	1927.	1924.	1925.	1926.	1927.
	2	3	4	5	6	7	8	9
1	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Cachar	24·68	20·64	21·16	23·64	22·10	14·96	20·50	27·71
Sylhet	21·46	16·11	22·34	20·52	25·61	19·43	18·30	25·14
Goalpara	29·34	12·80	27·28	23·59	18·88	11·60	12·36	10·38
Kamrup	20·17	15·03	20·88	16·00	14·00	12·96	10·26	12·76
Darrang	16·39	14·22	22·58	13·67	14·61	14·90	11·58	10·52
Nowgong	10·83	10·02	18·30	12·93	8·58	21·73	11·56	12·25
Sibsagar	20·89	17·99	21·33	15·33	12·60	11·80	18·10	14·18
Lakhimpur	24·98	24·55	27·69	17·97	18·18	20·45	13·23	16·20
Garohills	21·17	15·34	14·89	15·07	17·73	10·66	14·13	13·42

Statement of weekly gauge-readings on the river Ganges at Rampur Boalia for the week ending the 24th September 1927.

Date.	Hour.	Height of surface above zero of gauge.	Height of surface above P. W. D. datum.	Height of surface above P. W. D. datum on the same date last year.	Remarks.
1927.					
18th September ...	7 A.M.	55.40	55.40	58.40	P. W. D. datum 6.25 feet above Kidderpur old dock sill.
19th "	7 "	55.05	55.05	57.50	B. M. on Rajshahi College step 64.73.
20th "	7 "	54.60	54.60	56.30	Value of zero of gauge = 0.00 P. W. D.
21st "	7 "	54.10	54.10	54.90	
22nd "	7 "	53.60	53.60	54.30	
23rd "	7 "	53.15	53.15	55.40	
24th "	7 "	52.80	52.80	56.70	

The previous year's	Highest water-level		P. W. D. datum.
Do.	Lowest	on 11th September 1926	... 60.15
Record	Highest	on 25th May 1927	... 84.95
Do.	"	on 2nd August 1879	... 64.44
Do.	"	on 9th September 1885	... 64.27
Do.	"	on 25th August 1906	... 63.47
Do.	"	on 26th August 1920	... 63.40
Do.	"	on 13th August 1922	... 61.70
Do.	"	on 27th August 1923	... 61.05
Do.	"	on 18th August 1924	... 61.85
Do.	"	on 16th September 1925	... 61.45
Do.	Lowest	on 25th April 1884	... 32.82
Do.	"	on 14th and 15th April 1888	... 33.82
Do.	"	on 21st and 22nd April 1897	... 34.21
Do.	"	on 6th and 7th May 1908	... 34.47
Do.	"	on 9th May 1922	... 34.70
Do.	"	on 4th May 1923	... 35.80
Do.	"	on 25th May 1924	... 35.95
Do.	"	on 15th April 1925	... 35.80

N.B.—The gauge-readings commenced from the 1st August 1887.

W. R. ROBSON, *Subdivisional Officer,*

I. D., Rajshahi.

RAMPUR BOALIA, the 24th September 1927.

Statement of weekly gauge-readings on the rivers Ganges and Brahmaputra at Goalundo for the week ending the 24th September 1927.

Month and date.	Hour.	Height of surface above zero.	Height of surface above mean sea-level.	Height of surface above mean sea-level on the same date last year.	Remarks.
1927.					
18th September ...	7 A.M.	25.8	25.8	24.2	Zero is placed at mean sea-level.
19th "	7 "	25.7	25.7	23.9	
20th "	7 "	25.6	25.6	23.7	The bench-mark for this gauge is marked on a pucca base between passenger ghât and Chandpur ghât at Goalundo.
21st "	7 "	25.4	25.4	23.3	
22nd "	7 "	25.1	25.1	22.8	
23rd "	7 "	24.9	24.9	22.5	
24th "	7 "	24.8	24.8	22.7	

Highest recorded flood during previous year ... 26.4 on 15th August 1926.
 Highest recorded flood ... 26.7 on 23rd and 24th August 1914, 26.5 on 15th September 1925, 25.75 on 28th August 1906, and 25.66 on 11th to 17th and 31st August 1889, and 1st to 3rd September 1883.
 Lowest recorded water-level during previous year ... 6.0 on 24th February 1926.
 Previous recorded low water-level ... 1.0 on 8th February 1914.

N.B.—The gauge-readings commenced from 3rd October 1909.

A. M. PAUL, for *Subdivisional Officer,*

P. W. D., Faridpur.

RAJBARI, the 26th September 1927.

DISTRICT REPORTS ON WEATHER AND CROPS.

For the week ending on the 28th September 1927.

Summary.—During the week the rainfall was generally light excepting in parts of 24-Parganas and some North and East Bengal districts where it was heavy. Transplantation of winter paddy seedlings and harvesting of autumn crops are nearly over. More rain is still wanted for the growth of the standing crops and for the steeping of jute in some places, especially in Birbhum, Bankura, Murshidabad, Burdwan, Rajshahi, Malda and Dinajpur and in the Bhola subdivision of Bakarganj. The present outlook of the standing crops is generally fair except in parts of the districts mentioned above, where the condition of the paddy crops is reported to be poor. Distress continues to prevail in parts of Birbhum, Malda and Dinajpur. Test relief works continue at Moraroi, and Nalhati in Birbhum, where 821 persons worked on the 24th September, and also at Porsha and Patnitola in Dinajpur where 2,619 persons are working daily. The average price of common rice for the province has practically remained the same as compared with that of the previous week.

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
1	24-PARGANAS...	0.48	5	5	Weather seasonable. Steeping of jute is going on in Sadar and Barrackpore. Harvesting of jute and <i>aus</i> paddy continues in Baraset and Barrackpore. Fodder and water are sufficient.
	Diamond Harbour.	0.09	5 $\frac{9}{16}$	5 $\frac{3}{8}$	
	Barrackpore	0.08	4 $\frac{1}{4}$	4 $\frac{1}{4}$	
	Baraset	0.80	5	5	
	Basirhat	9.09	5 $\frac{1}{8}$	5 $\frac{1}{8}$	
2	NADIA ...	1.56	4 $\frac{3}{4}$	4 $\frac{3}{4}$	Weather seasonable. Harvesting of <i>aus</i> is over. Rain is badly wanted for steeping of jute. Fodder and water are sufficient.
	Kushtia	1.15	5	5	
	Meherpur	2.80	6 $\frac{1}{16}$	6 $\frac{5}{16}$	
	Chuadanga	0.89	6	6	
	Ranaghat	0.10	4 $\frac{3}{4}$	4 $\frac{3}{4}$	
3	MURSHIDABAD	1.29	5	5	Weather almost seasonable. Prospects of winter paddy are bad. Fodder is insufficient in Kandi and Jangipur. Stock of rice is insufficient in Jangipur. Cattle-disease is reported from thana Burwan in Kandi.
	Lalbagh	0.13	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Jangipur	Nil	5	5	
	Kandi	1.22	5 $\frac{1}{4}$	5 $\frac{1}{4}$	
4	JESSORE ...	3.03	5	5	Weather fair. Prospects of standing crops are fair. Harvesting of <i>aus</i> paddy is finished. Fodder and water are sufficient. Export of <i>aus</i> paddy is reported from Bongaon.
	Jhenidah	0.45	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
	Magura	1.50	5	5	
	Narail	0.32	4	4	
	Bongaon	1.18	4 $\frac{1}{16}$	5	
5	KHULNA ...	0.05	5	5	More rain wanted. Effects of weather on crops are fair. Slow import of rice is reported.
	Satkhira	(n)	(n)	5	
	Bagerhat	0.88	4 $\frac{1}{2}$	(n)	

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
6	BURDWAN ...	0.10	4 $\frac{3}{4}$	4 $\frac{3}{4}$	Weather hot and moist. Want of rain is keenly felt throughout. Prospects of jute are good, but those of <i>aman</i> paddy not hopeful. Fodder and water are sufficient.
	Asansol ...	2.21	6	6	
	Katwa ...	(n)	5	5	
	Kalna ...	Nil	4 $\frac{3}{4}$	4 $\frac{3}{4}$	
7	BIRBHUM ...	1.69	5 $\frac{1}{2}$	5 $\frac{1}{2}$	Weeding of winter rice has commenced. Agricultural prospects at Rampurhat are gloomy but fair at Sadar. Test works continue in Moraroi and Nalhati where 821 persons worked on the 24th instant. Scarcity of fodder is reported from Rampurhat, and water is not sufficient everywhere. Cattle-disease is reported from Nalhati, Rampurhat and Moureshwar.
	Rampurhat ...	1.00	5	5	
8	BANKURA ...	Nil	6 $\frac{1}{4}$	6	Weather hot and dry. Standing crops are suffering from want of sufficient rain. Fodder and water are sufficient.
	Vishnupur ...	0.05	5 $\frac{3}{4}$	5 $\frac{1}{4}$	
9	MIDNAPORE ...	0.02	5 $\frac{3}{4}$	5 $\frac{3}{4}$	Weather seasonable. Prospects of jute are fair. Fodder and water are sufficient.
	Contai ...	0.02	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
	Tamluk ...	(n)	(n)	4 $\frac{3}{8}$	
	Ghatal ...	Nil	5 $\frac{3}{4}$	5 $\frac{3}{4}$	
	Jhargram ...	(n)	(n)	6	
10	HOOGHLY ...	0.65	5	5	Weather seasonable. More rain is needed for steeping of jute. Fodder is sufficient.
	Serampore ...	0.27	5	5	
	Arambagh ...	Nil	5 $\frac{1}{4}$	5 $\frac{1}{4}$	
11	HOWRAH ...	1.68	5 $\frac{3}{4}$	5 $\frac{3}{4}$	Harvesting of jute is continuing. <i>Aus</i> paddy is thriving.
	Uluberia ...	0.97	5 $\frac{1}{4}$	5 $\frac{1}{4}$	
12	RAJSHAHI (RAMPUR-BOALIA). ...	12.32	5	5	Weather seasonable. More rain is wanted. Harvesting of <i>aus</i> paddy and jute is going on. Prospects of standing crops are not favourable. Fodder and water are sufficient.
	Naogaon ...	Nil	4 $\frac{1}{4}$	4 $\frac{1}{4}$	
	Nator ...	1.93	4 $\frac{1}{2}$	5 $\frac{7}{8}$	
13	DINAJPUR ...	5.01	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Weather cloudy. Condition and prospects of crops have improved somewhat in Balurghat. Test relief works continue at Patnitola and Porsha police-stations where 2,619 persons are working daily. Fodder and water are available.
	Thakurgaon ...	8.15	4	4	
	Balurghat ...	0.81	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
14	JALPAIGURI ...	6.70	4 $\frac{1}{4}$	4 $\frac{1}{4}$	Condition and prospects of standing crops are fair.
	Alipur ...	5.74	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
15	DARJEELING ...	2.60	4	4	Potatoes and maize are being harvested. <i>Marua</i> and paddy are growing. Condition of winter rice is good. Fodder and water are sufficient.
	Kurseong ...	3.04	5	4	
	Siliguri ...	5.23	4	4	
	Kalimpong ...	4.20	5	5	

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
16	RANGPUR ...	6.20	4½	4½	Weather seasonable. Prospects of crops are good. Fodder and water are sufficient.
	Nilphamari ...	3.51	5	(n)	
	Kurigram ...	12.59	4½	4½	
	Gaibandha ...	5.30	4½	4½	
17	BOGRA ...	1.37	4½	4½	Aman paddy has been damaged by floods to some extent in Shariakandi and Dhunot police-stations.
18	PABNA ...	2.80	4½	4½	Prospects of crops are fair. Fodder and water are adequate.
	Sirajganj ...	0.63	4½	4½	
19	MALDA ...	0.22	5	5	Weather hot and cloudy. More rain is wanted for jute and for broadcast paddy. Prospects of standing crops and weather effects are unfavourable. Harvesting of jute and other <i>bhadoi</i> crops continues. No want of fodder and water.
20	COOCH BEHAR	4.83	5½	5½	Weather seasonable. Cutting, steeping and washing of jute are going on. Prospects of standing crops are fair. Fodder and water are sufficient. Cattle-disease exists in interior.
21	DACCA ...	Nil	4¾	5	Weather seasonable. Steeping of jute is nearly completed. Prospects of standing crops appear to be fair. Rice market is rising. Fodder and water are available.
	Manikganj ...	Nil	4½	4¾	
	Narayanganj ...	0.14	4¼	4¼	
	Munshiganj (a)	0.86	4½	4½	
22	MYMENSINGH	13.98	4	4	Weather constantly rainy. Prospects of crops are normal. Recent rain has hampered the harvesting of jute. Rice market is steady. Fodder and water are available.
	Jamalpur ...	7.63	4½	4½	
	Tangail ...	3.51	4¾	4¾	
	Netrakona ...	8.10	4¾	4¾	
	Kishorganj ...	5.07	4¼	4¼	

(a) Munshiganj being very near to Dacca and Narayanganj, its rainfall statistics are not quoted. To give information regarding the northern part of the district, rainfall figures for Kapasia thana are reported here.

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
23	FARIDPUR ...	0.73	4 $\frac{3}{4}$	4 $\frac{3}{4}$	Harvesting of jute still continues. Prospects of standing crops are fair. Fodder is insufficient in some places.
	Goalundo (Rajbari).	0.81	4 $\frac{3}{4}$	4 $\frac{3}{4}$	
	Madaripur ...	1.18	5	5	
	Gopalganj (a) ...	Nil	4 $\frac{9}{16}$	4 $\frac{9}{16}$	
24	BAKARGANJ (BARISAL).	3.35	4 $\frac{7}{8}$	4 $\frac{7}{8}$	Weather cloudy and rainy. Fodder and water are sufficient.
	Pirojpur ...	4.51	5	4 $\frac{3}{4}$	
	Patuakhali ...	1.56	4 $\frac{3}{4}$	4 $\frac{3}{4}$	
	Dakshin Shabazpur (Bhola).	0.38	5	5	
25	CHITTAGONG ...	6.13	{ 5 $\frac{1}{2}$ 6*	5 $\frac{1}{2}$ 6*	Weather seasonable. Transplantation of winter rice is almost completed. Prospects of standing crops are fair. Fodder and water are sufficient. <i>Panga</i> salt sells at 14 seers per rupee at Sadar and at 12 seers at Cox's Bazar. Cattle-disease is reported from Cox's Bazar and Patiya.
	Cox's Bazar ...	0.21	5 $\frac{1}{4}$	5 $\frac{1}{4}$	
26	TIPPERA (COMILLA).	0.10	4 $\frac{3}{16}$	4 $\frac{3}{16}$	Weather seasonable. Condition and prospects of standing crops are fair. Harvesting of jute is finished.
	Brahmanbaria	1.17	4 $\frac{1}{17}$	4 $\frac{3}{19}$	
	Chandpur ...	1.93	4 $\frac{3}{16}$	4 $\frac{1}{2}$	
27	NOAKHALI ...	4.23	5	5	Weather fair. Condition of standing crops is good. Fodder and water are sufficient. Cattle-disease is reported from Sandwip.
	Feni ...	2.65	5	(n)	
28	CHITTAGONG HILL TRACTS.	1.40.	{ 5 6 $\frac{1}{2}$ †	5 7†	Weather seasonable. Harvesting of <i>aus</i> paddy and transplantation of winter paddy are nearly finished. Cutting of jute has commenced. Fodder and water are sufficient. Cleaned cotton sells at Rs. 18 to Rs. 30 and jute at Rs. 5 to Rs. 10 per maund.
29	TRIPURA STATE	Nil	4	(n)	

(n) Not reported.

* Burma rice.

† New.

(a) The rainfall at Haridaspur, which is very near to Gopalganj, is not shown here.

R. S. FINLOW, Director of Agriculture, Bengal.

DACCA, the 28th September 1927.

IRRIGATION DEPARTMENT, BENGAL.

Abstract statement showing the approximate volume of traffic and the tollage on canals in Bengal classed as Major Works and Minor Works and Navigation for the month of August 1927, as compared with the corresponding month of the previous year.

Canals.	1927-28.					
	Weight of cargo.		Rafts.		Tollage.	
	During the month.	To end of the month.	During the month.	To end of the month.	During the month.	To end of the month.
<i>Major Works.</i>	Tons.	Tons.	No.	No.	Rs.	Rs.
Midnapore Canal ...	2,557	15,701	250	9,779	3,892	24,505
Hijili Tidal Canal ...	2,254	13,520	...	275	3,352	20,329
Total ...	4,811	29,221	250	10,054	7,244	45,334
<i>Minor Works and Navigation.</i>						
Calcutta and Eastern Canals ...	30,635	151,997	34,277	79,685	22,027	1,11,291
Tolly's Nala ...	24,997	106,515	23,468	109,315	8,461	36,829
Madaripur Bil Route ...	146,109	315,706	...	8,211	34,968	83,286
Total ...	201,741	574,218	57,745	197,211	65,456	2,31,406
Magrahat Channels ...	4,653	21,265	...	910	2,494	7,815
Orissa Coast Canal ...	1,349	7,149	...	...	1,452	7,268
GRAND TOTAL ...	207,743	602,632	57,745	198,121	69,402	2,46,489

Canals.	1926-27.					
	Weight of cargo.		Rafts.		Tollage.	
	During the month.	To end of the month.	During the month.	To end of the month.	During the month.	To end of the month.
<i>Major Works.</i>	Tons.	Tons.	No.	No.	Rs.	Rs.
Midnapore Canal ...	3,462	16,174	1,300	11,775	4,376	27,435
Hijili Tidal Canal ...	4,134	28,119	...	192	6,076	42,487
Total ...	7,596	44,293	1,300	11,967	10,452	69,922
<i>Minor Works and Navigation.</i>						
Calcutta and Eastern Canals ...	24,015	99,924	601	9,203	20,733	97,688
Tolly's Nala ...	17,025	80,422	25,280	138,426	6,697	31,950
Madaripur Bil Route ...	140,753	489,926	...	11,916	33,972	1,25,371
Total ...	181,793	670,308	25,881	159,545	61,432	2,55,009
Magrahat Channels ...	3,787	17,756	...	675	1,588	7,073
Orissa Coast Canal ...	2,880	17,694	...	...	2,690	16,355
GRAND TOTAL ...	188,460	705,758	25,881	160,220	65,710	2,78,437

C. ADDAMS WILLIAMS,

Chief Engineer to the Government of Bengal.

CALCUTTA, the 27th September 1927.

IRRIGATION DEPARTMENT

Statement showing heights above P. W. D. datum and low water in the rivers Ganges, reading of each gauge above P. W. D. datum

Date.	RIVER GANGES.										
	Mirzapur. Zero of gauge is 200'00 ft. above P. W. D. datum.		Benares. Zero of gauge is 196'80 ft. above P. W. D. datum.		Buxar. Zero of gauge is 167'55 ft. above P. W. D. datum.		Dinapore. Zero of gauge is 134'00 ft. above P. W. D. datum.		Moughyr. Zero of gauge is at P. W. D. datum.		
	Distance in miles.	From Allahabad, 86.	From Allahabad, 134.	From Mirzapur, 46.	From Benares, 90.	From Benares, 177.	From Buxar, 87.	From Benares, 287.	From Dinapore, 110.		
	Highest gauge reading.	2nd September 1916. 265'97 ft.	2nd September 1916. 244'30 ft.	3rd and 4th September 1916. 209'80 ft.	5th September 1901. 169'73 ft.	8th September 1901. 128'19 ft.					
	Lowest gauge reading.	28th June 1897. 187'30 ft.	1st May 1877. 182'80 ft.	10th to 14th May 1914. 159'30 ft.	20th April 1912 135'13 ft.	29th April to 6th May 1914. 94'50 ft.					
		Height above zero of gauge.	Height above P. W. D. datum.	Height above zero of gauge.	Height above P. W. D. datum.	Height above zero of gauge.	Height above P. W. D. datum.	Height above zero of gauge.	Height above P. W. D. datum.	Height above zero of gauge.	Height above P. W. D. datum.
1	2	3	4	5	6	7	8	9	10	11	12
1st	...	39'33	239'33	29'83	226'63	26'08	193'63	28'40	162'40	120'10	120'10
2nd	...	39'00	239'00	28'08	224'88	27'33	194'88	31'00	165'00	123'50	123'50
3rd	...	35'33	235'33	23'50	220'30	25'25	193'80	28'20	162'20	124'10	124'10
4th	...	33'83	233'83	22'00	218'80	24'33	191'88	25'80	159'80	123'00	123'00
5th	...	30'33	230'33	19'83	216'63	22'83	190'38	24'40	158'40	121'70	121'70
6th	...	29'00	229'00	18'00	214'80	21'08	188'63	23'40	157'40	120'50	120'50
7th	...	27'33	227'33	16'75	213'55	19'23	186'88	23'00	157'00	119'50	119'50
8th	...	28'83	228'33	17'25	214'05	18'08	185'63	22'80	156'80	119'00	119'00
9th	...	29'33	229'33	18'75	215'55	18'33	185'88	22'80	156'80	118'50	118'50
10th	...	30'00	230'00	19'50	216'30	19'25	186'80	23'10	157'10	118'50	118'50
11th	...	29'50	229'50	19'75	216'55	19'75	187'30	23'20	157'20	118'70	118'70
12th	...	30'00	230'00	20'25	217'05	20'17	187'72	23'50	157'50	119'00	119'00
13th	...	31'00	231'00	21'17	217'97	20'67	188'22	23'50	157'50	119'00	119'00
14th	...	32'50	232'50	22'50	219'30	21'58	189'13	23'80	157'80	119'00	119'00
15th	...	34'08	234'08	23'75	220'55	22'50	190'05	25'00	159'00	119'50	119'50
16th	...	37'00	237'00	25'00	221'80	23'67	191'22	26'50	160'50	121'10	121'10
17th	...	36'67	236'67	25'58	222'38	24'58	192'13	26'20	160'20	121'70	121'70
18th	...	36'67	236'67	25'83	222'63	25'00	192'55	26'40	160'40	121'90	121'90
19th	...	37'67	237'67	26'25	223'05	25'08	192'63	26'50	160'50	122'00	122'00
20th	...	39'00	239'00	27'50	224'30	25'58	193'13	27'00	161'00	122'10	122'10
21st	...	40'00	240'00	28'92	225'72	26'50	194'05	29'80	163'80	124'00	124'00
22nd	...	45'00	245'00	32'33	229'13	27'58	195'13	27'60	161'60	124'30	124'30
23rd	...	46'00	246'00	34'33	231'13	29'00	196'55	27'30	161'30	124'00	124'00
24th	...	45'67	245'67	34'75	231'55	29'25	196'80	27'80	161'80	124'00	124'00
25th	...	46'00	246'00	34'00	230'80	29'17	196'72	27'90	161'90	124'00	124'00
26th	...	42'00	242'00	31'50	228'30	28'67	196'22	27'50	161'50	124'00	124'00
27th	...	40'50	240'50	28'83	225'63	27'58	195'13	27'00	161'00	123'50	123'50
28th	...	40'17	240'17	28'17	224'97	26'75	194'30	26'40	160'40	123'00	123'00
29th	...	40'50	240'50	28'42	225'22	26'67	194'22	27'00	161'00	123'00	123'00
30th	...	41'50	241'50	29'92	226'72	27'25	194'80	28'50	162'50	123'30	123'30
31st	...	42'00	242'00	30'83	227'63	27'83	195'38	28'40	162'40	124'00	124'00
Average Level	...	36'63	236'63	25'58	222'38	24'25	191'80	26'09	160'09	121'73	121'73

The 28th September 1927.

BENGAL.

Shagirthi, Jalangi and Brahmaputra for the month of August 1927, and the highest as well as the lowest gauge reading since 1876.

Rajmahal. Zero of gauge is at P. W. D. datum.		Rampur-Boalia. Zero of gauge is at P. W. D. datum.		Goalundo. Zero of gauge is 1'409 ft. above P. W. D. datum.		RIVER BHAGI- RATHI. Berhampore. Zero of gauge is at P. W. D. datum.		RIVER JALANGI. Swarupganj. Zero of gauge is at P. W. D. datum.		RIVER BRAHMA- PUTRA. Gauhati. Zero of gauge is 138'958 ft. above P. W. D. datum.	
From Benares, 407.	From Monghyr, 120.	From Benares, 471.	From Rajmahal, 64.	From Benares, 591.	From Rampur- Boalia, 190.						
76th August 1913. 82'97 ft.		26th August 1879. 64'439 ft.		28th August 1906 and 14th September 1916. 30'646 ft.		14th August 1890. 63'459 ft.		25th September 1900. 36'539 ft.		24th August 1906. 167'63 ft.	
23rd and 24th May 1924. 57'50 ft.		33rd April 1886. 32'819 ft.		28th March 1910. 7'146 ft.		19th to 24th April 1917. 33'909 ft.		24th April 1926. 3'11 ft.		9th February 1886. 128'88 ft.	
Height above zero of gauge.	Height above P. W. D. datum.	Height above zero of gauge.	Height above P. W. D. datum.	Height above zero of gauge.	Height above P. W. D. datum.	Height above zero of gauge.	Height above P. W. D. datum.	Height above zero of gauge.	Height above P. W. D. datum.	Height above zero of gauge.	Height above P. W. D. datum.
13	14	15	16	17	18	19	20	21	22	23	24
77'20	77'20	52'30	52'30	23'50	24'909	45'41	45'41	15'62	15'62	16'50	153'458
79'70	79'70	53'35	53'35	23'40	24'809	45'71	45'71	15'70	15'70	16'70	153'658
81'65	81'65	55'90	55'90	23'80	25'209	46'61	46'61	15'62	15'62	17'10	154'058
82'40	82'40	56'85	56'85	24'40	25'809	51'31	51'31	16'71	16'71	18'40	155'358
82'25	82'25	57'10	57'10	24'50	25'909	52'21	52'21	18'37	18'37	20'90	157'858
81'50	81'50	56'50	56'50	24'70	26'109	52'31	52'31	19'48	19'48	22'00	158'958
80'40	80'40	55'70	55'70	24'70	26'109	51'71	51'71	20'00	20'00	22'00	158'958
79'30	79'30	54'80	54'80	24'70	26'109	50'81	50'81	20'28	20'28	21'50	158'458
78'60	78'60	53'85	53'85	24'50	25'909	49'61	49'61	20'66	20'66	21'00	157'958
78'20	78'20	53'35	53'35	24'50	25'909	48'91	48'91	20'62	20'62	20'80	157'758
78'00	78'00	53'05	53'05	24'50	25'909	48'31	48'31	19'66	19'66	20'50	157'458
78'05	78'05	53'05	53'05	24'50	25'909	47'81	47'81	18'67	18'67	20'50	157'458
78'25	78'25	53'25	53'25	24'60	26'009	47'31	47'31	17'83	17'83	20'60	157'558
78'50	78'50	53'45	53'45	24'60	26'009	47'41	47'41	17'32	17'32	20'60	157'558
78'70	78'70	53'55	53'55	24'70	26'109	47'51	47'51	17'12	17'12	20'50	157'458
79'10	79'10	53'65	53'65	24'80	26'209	48'00	48'00	17'17	17'17	20'70	157'658
80'10	80'10	54'45	54'45	24'80	26'209	48'61	48'61	17'44	17'44	20'60	157'558
80'80	80'80	55'05	55'05	24'90	26'309	49'71	49'71	18'01	18'01	20'20	157'158
81'10	81'10	55'50	55'50	24'90	26'309	50'41	50'41	18'60	18'60	20'00	156'958
81'30	81'30	55'70	55'70	25'10	26'509	50'66	50'66	19'14	19'14	19'60	156'558
81'60	81'60	56'00	56'00	25'10	26'509	51'11	51'11	19'61	19'61	19'20	156'158
82'60	82'60	56'60	56'60	25'00	26'409	51'66	51'66	19'98	19'98	19'70	156'658
82'85	82'85	57'30	57'30	25'00	26'409	52'11	52'11	20'32	20'32	18'20	155'158
82'70	82'70	57'35	57'35	25'10	26'509	52'41	52'41	20'86	20'86	17'50	154'458
82'70	82'70	57'35	57'35	25'00	26'409	53'06	53'06	21'70	21'70	17'20	154'158
82'65	82'65	57'50	57'50	25'00	26'409	53'10	53'10	22'52	22'52	17'20	154'158
82'60	82'60	57'50	57'50	25'00	26'409	53'10	53'10	22'77	22'77	17'60	154'558
82'65	82'65	57'30	57'30	24'80	26'209	53'10	53'10	22'76	22'76	18'80	155'758
82'00	82'00	57'15	57'15	24'70	26'109	53'05	53'05	22'62	22'62	19'80	156'758
81'95	81'95	56'90	56'90	24'60	26'009	53'00	53'00	22'49	22'49	21'00	157'958
82'10	82'10	56'80	56'80	24'50	25'909	52'75	52'75	22'45	22'45	21'60	158'558
80'69	80'69	55'42	55'42	24'62	26'029	50'28	50'28	19'39	19'39	19'63	156'588

C. ADDAMS-WILLIAMS,

Chief Engineer to the Government of Bengal,
Irrigation Department.

NOTICE.

A copy of the plan prepared in this behalf may be seen in the office of the Surveyor and Valuer of the Corporation any day during office hours on payment of usual fees.

CENTRAL MUNICIPAL OFFICE, CALCUTTA, the 29th September 1927.

Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	



The Calcutta Gazette

THURSDAY, OCTOBER 13, 1927.

SUPPLEMENT.

Official Papers.

[Non-subscribers to the GAZETTE may receive SUPPLEMENT separately on payment of five rupees per annum if delivered in Calcutta, or seven rupees and eight annas if sent by post.]

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CORPORATION OF CALCUTTA.

NOTICE

In compliance with the provisions of section 481 of the Calcutta Municipal Act, 1923, it is hereby notified for general information that the Corporation of Calcutta propose to make the following bye-laws under clause 34 of section 478 of the said Act regarding stables, cattle-sheds and cow-houses:—

Draft Bye-laws under section 478 (34) regarding stables, cattle-sheds and cow-houses.

1. (a) **Definition.**—Cow-house means a place where milch cattle are kept and includes the sheds for milking keeping milk and milk, vessels and all other out-houses, structures and open spaces used as part of and situate within the same premises or the same boundaries.

(b) Cattle-shed means a place where cattle, beasts of draught or burden and carts are kept, and includes the places within the said boundaries where the owners of the animals and servants belonging to the cattle-shed live, also all other out-houses, structures and open spaces used as part of or intended for use as appertaining to the said cattle-shed.

“Stable means a place where a horse is kept and includes the place where a carriage is kept and the owner of the animal, syce or coachman lives situated within the same premises as the stable proper and also all other out-houses, structures and open spaces used as part of or set apart or used for any of the purposes appertaining to the stables and situated within the same boundaries.”

2. (i) **Type-plan.**—“Every cow-house, cattle-sheds or stable constructed, altered or licensed after these Bye-laws come into force must conform to the standard type-plans.

(ii) Copies of the said type-plans shall be supplied at the municipal office to any applicant on payment of one rupee for each copy.

3. **Passage.**—The central passage in such a cattle-shed or cow-house must be at least four feet wide.

4. **Paving.**—Every stable, cattle-shed and cow-house must be paved with bricks-on-edge with cement pointing or some other suitable impervious material approved by the Health Officer.

5. (1) **Inclination of floor.**—The floor of every stable, cattle-shed and cow-house must be so constructed as to have an easy gradient of at least 1 in 48 towards a pucca cemented saucer-shaped surface drain constructed with some impervious material or saucer-shaped artificial stone channel properly jointed at least 6" in width just outside the stable, cattle-shed, cow-house or building and draining through a vertical grating fixed at its end into a yard gully connected with the sewer."

"Provided that in an unsewered area—

(a) Such surface drain or channel shall drain directly into a cess-pit similarly situated and easily accessible to the sullage carts of the Corporation and as near the public street as possible and having an access from such public street by a passage at least 8 feet wide."

(b) "The walls and floors of such cess-pit shall be constructed of bricks set in cement and rendered impervious with cement plaster."

(2) **Floor.**—The floor surface of every stable, cattle-shed or cow-house shall be at least one foot higher than the mean level of the surrounding open space.

The floor must be so constructed as to have an easy gradient of at least 1 in 48 towards the pucca surface drain.

6. **Roof and walls.**—Walls of all stables, cattle-sheds and cow-houses up to 4 feet from floor level shall be made of masonry and thickly plastered with cement both inside and outside and provided with sufficient openings to allow the washings of the floor to flow into the surface drain or channel.

7. **Lighting and ventilation.**—Every stable, cattle-shed and cow-house shall have for purposes of light and ventilation, an opening on all sides of not less than 18" in width below the junction of the eaves and the walls of the buildings, as shown in the type-plan.

8. **Upper storeys lofts and sleeping places.**—Every stable, cattle-shed and cow-house must have one storey only, and there shall be no construction, arrangement or fixture permitting of any lofts or sleeping places, either over the roof or over the stalls for animals.

Provided that (a) the Chief Executive Officer will sanction the erection of a second storey, if the floor thereof be constructed of impervious material to his satisfaction, and

(b) an appeal shall lie to the Public Health Committee in any case in which the Chief Executive Officer refuses such sanction.

9. (1) **Space for each animal.**—The internal structures of every stable, cattle-shed or cow-house shall be so constructed and placed as to leave—

(a) *in the case of a stable—*

(i) a floor space of at least 10 feet in width for each row of animals in case there is more than one row;

(ii) a clear superficial floor space of at least 48 square feet for each animal (excluding the space occupied by the trough or drain);

(iii) a clear lateral space of at least 6 feet;

(iv) and that the said superficial floor space shall be fenced off either by strong railings or by 5" thick masonry wall (cemented on either side) not less than 3½ feet high.

(b) *in the case of a cattle-shed or cow-house—*

(i) a floor space of at least 10 feet in width for each row of animals in case there is more than one row;

(ii) a clear superficial floor space of at least 48 square feet in the case of a buffalo or an up-country cow and of at least 40 square feet in the case of any other cow (excluding the space occupied by the trough or drain);

(iii) a clear lateral space of at least 6 feet in the case of a buffalo or an up-country cow and 5 feet in the case of any other cow;

(2) Such additional accommodation shall be provided for calves as may be approved by the Health Officer.

10. **Height.**—The minimum internal height of every stable, cattle-shed or cow-house must be at least 8 feet from the level of the floor to the junction of the eaves with the walls. In case of flat roof, such minimum height shall be 10 feet.

11. **Storage of milk and milk vessels:—**

(1) No cow-house shall be so constructed as to provide for the storage of milk vessels therein.

(2) For every cow-house in which milch cows or milch buffaloes are kept, there shall be provided a separate shed or place for the temporary storage of milk and milk vessels.

(3) Every such shed or place shall have a masonry platform (cemented on all sides) at least 2 feet above the ground level.

(4) Such shed or place shall not communicate directly with any stable, cattle-shed or cow-house or any other place referred to in section 386 of the Calcutta Municipal Act (Bengal Act III of 1923), or any cesspool, dung bin or dust bin, or connected privy or urinal and shall not, without the special permission of the Chief Executive Officer, be placed within a distance of 15 ft. from any connected privy, or 25 ft. from any service privy, urinal, cesspool, dung bin, dust bin or any other place referred to in section 386 of the Calcutta Municipal Act (Bengal Act III of 1923).

(5) Such shed or place shall not be used for sleeping or any other domestic purposes.

(6) The milk vessels and receptacles for milk used in such shed or cow-house shall be of such pattern and design as shall conform to the bye-laws framed under section 478 (36) of the Calcutta Municipal Act (Bengal Act III of 1923).

12. (1) Every cattle-shed, stable or cow-house shall have a receptacle with cover for the temporary deposit of the dung of the animals.

(2) Every such dung bin shall be cleaned every day and the contents thereof deposited into a municipal dust bin or cart for removal or into any public receptacle, depôt or place for the temporary deposit or final disposal of offensive matter.

(3) No dung bin shall communicate directly with any room used for domestic purpose or shall be placed in such a way as to pollute or likely to pollute any filtered water tap or receptacle for filtered water or any place where food or drink for human consumption is kept or stored.

(4) Every dung bin shall be constructed in such a manner and of such impervious material and to be maintained at all times in such a condition as to prevent any overflow or escape of the contents thereof or any leakage or soakage therefrom into the ground or into the wall of any building or into any street or drain.

13. No place in which milch cattle are kept shall communicate directly with a stable, cattle-shed or any other place referred to under section 381 of the Calcutta Municipal Act (Act III of 1923) or any cesspool, dung bin or dust bin or connected privy or urinal and shall not, without the special permission of the Chief Executive Officer, be placed within a distance of 15 feet from any connected privy, or 25 feet from any service privy, urinal, cesspool, dung bin, dust bin or any other place referred to in section 306 of the Calcutta Municipal Act (Act III of 1923).

14. **Open space on all sides.**—(1) Every stable, cattle-shed and cow-house shall have a minimum clear open space of 10 ft. on all sides within its own boundaries. All such open spaces shall be properly paved and cemented.

Provided that if any side of any stable, cattle-shed or cow-house abuts on a street, square or any other open place dedicated to public use and not likely to be built upon, the width of such street, square or open place shall be taken into account in calculating the necessary 10 ft. space on that side.

(2) The Chief Executive Officer may relax or modify this bye-law in the case of an irregular site or in the case of a stable, cattle-shed or cow-house licensed before 1st April 1923.

15. **Water supply and sanitary convenience.**—“All cattle-sheds and stables shall be supplied with an adequate supply of water for the use of the animals therein and for flushing the floor and drains.

16. **Washing places.**—“The owner of stables, etc., shall provide sufficient space on which horses, carriages, cattle, etc., can be washed. Such space may be provided in the open space mentioned in bye-law 14 (1) and shall be properly drained.”

17. **Municipal dung bin.**—The owner or occupier of a stable shall provide upon (or in some convenient place in the immediate neighbourhood of the premises) a suitable movable receptacle or receptacles for the removal of dung manure, soil, filth or other offensive or noxious matter accumulating upon the premises. Such receptacles shall have an aggregate internal space proportionate to the number of animals kept in the premises of not less than $1\frac{1}{2}$ cubic feet for each horse.

Such receptacle must be constructed in such a manner and of such materials and be maintained at all times in such a condition as to prevent any escape of the contents thereof or any leakage or soakage therefrom into the ground or into the wall of any building.

18. (1) **Plan with application.**—Every person who intends to construct any stable, cattle-shed or cow-house or to make any substantial addition to or alteration in a stable, cattle-shed or cow-house affecting half of the cubical contents thereof, shall send to the Health Officer, an application for permission to execute the work together with a site-plan of the land, plan of the whole building, complete elevations and sections of the work and specification of the work.

(2) Every application made under the aforesaid bye-law shall be written on a printed form (to be supplied by the Health Officer free of charge), and shall state the position of the site, the number assigned to it in the assessment-book and its dimensions, the description of the building and its dimensions, and such other particulars as may be prescribed by the Health Officer.

(3) The site-plan sent with such an application shall be drawn to a scale of not less than one-fiftieth of an inch to the foot, shall be sent in triplicate, and shall show—

- (a) the boundaries of the site and of any contiguous land belonging to the owner thereof ;
- (b) the position of the site in relation to neighbouring streets ;
- (c) the name of the street in which the building is proposed to be situated ;
- (d) all existing buildings standing on the site ;
- (e) the position of the buildings, and of all other buildings (if any) which the applicant intends to erect upon his contiguous land referred to in clause (a) in relation to—
 - (i) the boundaries of the site, and in a case where the site has been partitioned, the boundaries of the portion owned by the applicant and also of the portions owned by the other owners,
 - (ii) all adjacent streets, buildings and premises within a distance of forty feet of the site and of the contiguous land (if any) referred to in clause (a) and
 - (iii) (if there is no street within a distance of forty feet of the site) the nearest existing street or some street projected under section 308 or sanctioned under section 314 ;
- (f) the means of access from the street to the building, and to all other buildings (if any) which the applicant intends to erect upon his contiguous land referred to in clause (a) ;
- (g) the position and the number of storeys of all other buildings within forty feet of the site ;
- (h) the position, form and dimensions of kitchens, staircases, privies, urinals, drains, cesspools, stables, cattle-sheds, cow-houses, wells and other appurtenances of the building ;
- (i) free passage or way in front of the building ;
- (j) space to be left about the building to secure a free circulation of air, admission of light and access for scavenging purposes ;
- (k) the width of the street (if any) in front, and of the street (if any) at the side or rear, of the building ; and
- (l) such other particulars as may be prescribed by the Health Officer.

(4) The plans of the building and the elevations and sections accompanying such an application shall be properly coloured and neatly and accurately drawn to a scale of not less than one-eighth of an inch to the foot and shall be sent in triplicate ; and the said plans shall show—

- (a) the levels and width of the foundation of the building ;
- (b) the level of all courtyards and open spaces and the plinth-level of the building, with reference to the level at the centre of the nearest street ;
- (c) the dwelling places (if any) for the men belonging to the stable, cattle-shed or cow-house, if the same be situated within the boundary of the stable, cattle-shed or cow-house, shed for storing fodder, shed for keeping livery and harness in case of stable and all other out-houses belonging thereto and their distance from the stable, cattle-shed or cow-house.

(5) The specification accompanying such an application shall comprise full information as to the following particulars, namely—

- (i) the materials and method of construction to be used for external walls, foundations, roofs and floors ;
- (ii) the manner in which the roof and house drainage and the surface drainage of land will be disposed of ;
- (iii) the manner (if any) in which it is proposed to pave the courtyards and open spaces, and the slope to which the surface is to be made in each case ;
- (iv) the means of access that will be available to scavengers ;
- (v) the purpose for which it is intended to use the building ;
- (vi) the means of ingress and egress to and from such buildings and such other particulars as may be prescribed by the Health Officer.

19. (1) **Inspection.**—The Health Officer or any person authorised by him in this behalf may at any time by day or by night, without notice, inspect a stable, cattle-shed or cow-house in respect of which a license is to be taken under section 386 of the Calcutta Municipal Act, 1923, for the purpose of satisfying himself as to whether any provision of the said Act or any rule or any bye-law made under the Act at the time in force is being contravened thereat.

(2) The Health Officer or any person authorised by him in this behalf may at any time between sun rise and sun set only without notice inspect any other stable, cattle-shed or cow-house not so licensed.

(3) The Health Officer or any person authorised by him in this behalf shall not use any force for the purpose of effecting an entry unless —

- (i) such entry cannot otherwise be effected,
- (ii) there is reason to believe that an offence is being, or has been committed against any provision of this Act or any rule or bye-law made thereunder.

(4) No claim shall lie against any person for compensation for any damage necessarily caused by an entry made under the aforesaid clause, or by the use of any necessary force under the aforesaid clause.

20. All stables, cattle-sheds and cow-houses shall be kept and maintained neat and clean and free from rubbish, sewage and offensive matter.

21. (1) All stables, cattle-sheds and cow-houses licensed under section 386 of the Calcutta Municipal Act, 1923, shall have a signboard hung up in a conspicuous part thereof showing:—

- (i) the name of the licensee and the municipal number of the place and also the address of the licensee if he lives elsewhere,
- (ii) the number of animals for which license has been granted and the period of that license, and
- (iii) any other special condition under which license has been granted.

(2) All stables, cattle-sheds and cow-houses shall not be used for any purpose other than that for which the license has been granted.

(3) No milch cattle shall be kept in any stable or cattle-shed and no draught cattle in a stable or cow-house and no horse in a cow-house or cattle-shed.

22. (1) No stable, cattle-shed or cow-house shall be so constructed or altered or used as to contravene any of the provisions of these bye-laws.

(2) The Chief Executive Officer may, by written notice, require the owner or lessee of any stable, cattle-shed or cow-house, whether constructed before or after the commencement of the Calcutta Municipal Act, 1923, or the owner of the land on which they are situated, to bring it in conformity with any or all of these bye-laws or to discontinue the breach of any of these bye-laws.

23. If any stable, cattle-shed or cow-house is not constructed or maintained in the manner prescribed in these bye-laws the Health Officer may, by written notice, direct that the same shall no longer be used as a stable, cattle-shed or cow-house.

24. The Health Officer may, by written notice, require the owner or lessee of any stable, cattle-shed or cow-house to comply with the provisions of these bye-laws or any of the provisions of the Calcutta Municipal Act, 1923, within the time to be specified therein.

25. These bye-laws may be relaxed by the Chief Executive Officer in the case of *bonâ fide* private owners who keep not more than three cows or two horses for domestic purposes.

A printed copy of the above bye-laws is open to public inspection free of charge and may be obtained on payment of a fee of annas two at the Secretary's Office in the Central Municipal Office on any working day between the hours of 11 A.M. and 4 P.M.

Objections, if any, to the proposed bye-laws will be received by the undersigned up to Wednesday, the 23rd November 1927, after which the proposed bye-laws will be further proceeded with.

J. C. MUKERJEA, *Chief Executive Officer.*

CENTRAL MUNICIPAL OFFICE, the 28th September 1927.

Form C—BENGAL.

[Section 5 (2) of the Cotton Ginning and Pressing Factories Act, 1925.]

**Statement of cotton pressed in the Bengal Presidency for the week ending
23rd September 1927.**

1	2	3	4	5	6
Name of Division or Block.	Number of bales pressed.		Number of bales pressed.		Districts included in the block.
	During the week.	During the corresponding week last year.	Since 1st September 1927 (the date prescribed by the Local Government as the commencement of the season).	During the corresponding period last year.	
The Bengal Presidency ...	418	385	1,431	1,096	All districts in the Presidency.

E. W. HAMMOND,*Chief Inspector of Factories, Bengal (offg.).*

Wholesale prices-current of food-grains, salt, etc., in the undermentioned marts of Bengal for the second-half of September 1927.

Marts.	Paddy, local (best quality).			Paddy, local (common quality).			Rice, local (best quality).			
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
	1	2	3	4	5	6	7	8	9	10
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	4 8 0	4 8 0	4 14 0	4 6 0	4 8 0	4 6 0	10 0 0	10 0 0	9 12 0	
Burdwan ...	4 10 0	4 8 0	5 2 0	4 4 0	4 6 0	4 6 0	9 8 0	10 0 0	9 8 0	
Raniganj ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Midnapore...	4 4 0	4 5 0	4 3 0	3 14 0	3 14 0	4 0 0	8 8 0	8 8 0	8 8 0	
Chittagong...	4 12 0	4 12 0	4 12 0	4 4 0	4 4 0	4 8 0	10 0 0	9 12 0	9 4 0	
Dacca ...	4 8 0	4 8 0	5 1 0	4 0 0	4 2 0	4 8 0	9 0 0	9 0 0	9 4 0	
Pabna ...	4 12 0	4 13 6	4 4 0	4 0 0	3 14 0	4 2 0	9 4 0	9 8 0	8 0 0	
Rangpur ...	4 8 0	4 8 0	4 8 0	4 4 0	4 4 0	4 0 0	10 0 0	10 0 0	10 0 0	
Serajganj (Pabna).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sarisabari (Mymensingh).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Narayanganj (Dacca).	.....	.....	.....	.....	.....	.....	.....	.....	.....

Marts.	Rice, local (common quality).			Wheat.			Kalmi dal.		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	11	12	13	14	15	16	17	18	19
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	8 3 0	8 3 0	8 2 0	6 6 0	6 6 0	6 10 0	7 8 0	7 8 0	6 8 0
Burdwan ...	7 8 0	7 8 0	7 10 0	6 2 0	6 4 0	7 8 0	8 4 0	8 8 0	8 8 0
Raniganj ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Midnapore ...	7 0 0	7 0 0	7 8 0	(a)	(a)	7 0 0	9 0 0	9 0 0	9 0 0
Chittagong ...	7 8 0 to 6 12 0*	7 8 0 to 6 12 0*	7 6 0	.....	.....	.....	.....	.....	.....
Dacca ...	8 0 0	8 0 0	7 8 0	6 4 0	5 8 0 to 6 0 0	6 8 0	8 0 0	8 0 0	6 0 0
Pabna ...	8 2 0	8 4 0	7 14 0	5 6 0	5 12 0	4 12 0	8 8 0	9 0 0	7 0 0
Rangpur ...	9 4 0	9 4 0	9 0 0	8 0 0	8 0 0	8 0 0	6 0 0	6 0 0	6 4 0
Serajganj (Pabna).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sarisabari (Mymensingh).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Narayanganj (Dacca).	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Burma.

(a) Not available.

Wholesale prices-current of food-grains, salt, etc., in the undermentioned marts of Bengal for the second-half of September 1927.

Marts.	Gram.			Arhar dal.			Linseed.		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	20	21	22	23	24	25	26	27	28
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	5 8 0	5 8 0	4 8 0	7 8 0	7 8 0	7 6 0	8 8 0	8 12 0	8 14 0
Burdwan ...	5 0 0	5 0 0	4 14 0	8 0 0	7 12 0	8 0 0	7 4 0	7 8 0	10 4 0
Raniganj ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Midnapore ...	6 4 0	5 12 0	6 0 0	10 8 0	10 0 0	9 0 0	7 4 0	8 0 0	7 0 0
Chittagong ...	5 8 0	5 12 0	5 8 0	8 8 0	8 8 0	8 8 0	10 0 0	10 0 0	11 0 0
Dacca ...	6 0 0	5 0 0	5 2 0	8 12 0	8 12 0	7 2 0	8 8 0	8 8 0	11 10 0
Pabna ...	4 12 0	5 12 0	5 0 0	10 8 0	11 0 0	8 4 0	6 4 0	6 8 0	6 12 0
Rangpur ...	6 0 0	6 0 0	6 0 0	9 0 0	9 0 0	10 0 0	(a)	(a)	(a)
Seraiganj (Pabna).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sarisabari (Mymensingh).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Narayanganj (Dacca).	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Increase due to shortage of stock.

Marts.	Mustard.			Gur.			Cotton (unginned).		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	29	30	31	32	33	34	35	36	37
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	9 5 0	9 8 0	8 5 0	9 0 0	9 0 0	7 12 0	41 0 0	41 0 0	31 8 0
Burdwan ...	9 0 0	9 4 0	{ 8 12 0 to 9 8 0 }	8 8 0	8 8 0	{ 5 0 0 to 8 4 0 }	.....	.....	.....
Raniganj ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Midnapore ...	{ 10 4 0 to 11 4 0 }	{ 10 2 0 to 11 4 0 }	{ 10 8 0 to 12 0 0 }	12 0 0	12 0 0	8 0 0	.....	.....	.....
Chittagong ...	9 8 0	9 0 0	9 12 0	10 0 0	{ 9 0 0 to 10 0 0 }	9 0 0	.....	.....	.....
Dacca ...	9 0 0	{ 8 0 0 to 9 0 0 }	9 10 0	{ 12 0 0 to 13 8 0 }	13 0 0	12 8 0	.....	.....	.....
Pabna ...	9 0 0	9 0 0	9 8 0	10 8 0	10 8 0	10 12 0	.....	.....	.....
Rangpur ...	10 0 0	10 4 0	12 0 0	14 0 0	14 0 0	13 8 0	.....	.....	.....
Seraiganj (Pabna).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sarisabari (Mymensingh).	.....	.....	.....	.....	.....	.....	.....	.....	.....
Narayanganj (Dacca).	.....	.....	.....	.....	.....	.....	.....	.....	.....

(a) Not available.

Wholesale prices current of food-grains, salt, etc., in the undermentioned marts of Bengal for the second half of September 1927.

Marts.	Jute.			Ghee.			Hide (Cow).		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	38	39	40	41	42	43	44	45	46
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	{ (1) (n) (2) (n) (3) (n)	(1) 13 0 0 (2) 12 0 0 (3) 10 8 0	(1) 12 4 0 (2) 11 4 0 (3) 10 4 0	74 0 0 to 80 0 0	74 0 0 to 80 0 0	82 0 0 to 86 0 0	12 0 0 to 18 0 0†	12 0 0 to 18 0 0†	12 0 0 to 14 0 0†
Burdwan ...	...	...	...	...	...	...	...	...	...
Raniganj ...	...	...	...	...	...	...	...	...	...
Midnapore ...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...
Pabna ...	...	...	...	...	...	...	...	...	...
Rangpur ...	...	...	...	...	...	...	...	...	...
Seraiganj (Pabna).	(n)	(n)	8 10 0	...	...	...	...	...	...
Sarisabari (Mymensingh).	(n)	{ (1) 12 8 0 (2) 11 8 0 (3) 10 0 0 }	(n)	...	...	...	...	...	...
Narayanganj (Dacca).	{ 9 0 0 to 10 8 0 }	{ 10 0 0 to 11 8 0 }	{ 10 8 0 to 11 0 0 }	...	...	...	...	...	...

(1) Price of jat fours. (2) Price of district fours. (3) Weighted average price. (b) New crop.

Marts.	Iron.			Salt.			Kerosine oil.*		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	47	48	49	50	51	52	53	54	55
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	{ (a) 7 8 0 to 16 4 0 }	{ (a) 7 8 0 to 16 4 0 }	{ (a) 7 0 0 to 16 8 0 }	(n)	(n)	2 0 0	{ Rs. A. P. Swan 6 1 6 Rising sun 7 7 6 Elephant (n)	{ Rs. A. P. Swan 6 1 6 Rising sun 7 7 6 Elephant (n)	{ Rs. A. P. Swan 6 6 0 Rising sun 7 8 0 Elephant (n)
Burdwan
Raniganj
Midnapore
Chittagong
Dacca
Pabna
Rangpur
Seraiganj (Pabna).
Sarisabari (Mymensingh).
Narayanganj (Dacca).

† Price per 20 lbs. (a) British mild steel per cwt. (n) Not reported. * Per two tins.

Wholesale prices current of food grains, salt, etc., in the undermentioned marts of Bengal for the second-half of September 1927.

Marts.	Mustard oil.			Firewood.			Coal (Bengal).		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	56	57	58	59	60	61	62	63	64
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
(Calcutta)	23 0 0 to 24 0 0	23 0 0 to 24 0 0	24 8 0 to 25 0 0	0 14 0 to 1 0 0	0 14 0 to 1 0 0	0 10 0 to 0 12 0	0 7 6*	0 7 6*	(n)
Burdwan
Raniganj	0 3 0	0 3 0	0 3 0
Midnapore
Chittagong
Dacca
Pabna
Rangpur
Serajganj (Pabna).
Sarisabari (Mymensingh).
Narayanganj (Dacca).

* Soft coke.

(n) Not reported.

H. D. BANERJI, for *Director of Agriculture, Bengal.*

Dacca, the 5th October 1927.

Prices-current (retail) of food-grains, salt, etc., in the districts of Bengal for the second-half of September 1927.

Quantity per rupee in seers of eighty tolas.

Division.	Number.	Districts and marts.	Quantity per rupee in seers of eighty tolas.														
			Common rice.						Kalai dal (<i>Phaseolus radiatus</i>).			Arhar dal or Thur Cudjan Pea (<i>Cajanus indicus</i>).			Salt.		
			Average.			Cheapest.			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.									
Presidency.	24-PARGANAS.		S. Oh.	S. Oh.	S. Oh.	S. Oh.	S. Oh.	S. Oh.	S. Oh.	S. Oh.	S. Oh.	S. Oh.	S. Oh.	S. Oh.	S. Oh.	S. Oh.	S. Oh.
	1	Obelia Hat ...	5 0	5 0	5 0	5 8	5 8	5 8	5 0	5 0	4 8	4 8	4 8	5 0	13 0†	14 0	14 0
	2	Magra Hat ...	5 8	5 8	4 12	6 10	6 8	5 0	(a)	(a)	(a)	4 0	4 0	4 8	13 5	13 5	16 12
	3	Calcutta-Bellaghata	4 10	4 10	4 2	5 4	5 4	5 2	5 0	5 0	5 12	5 0	5 0	5 2	10 8†	10 8†	10 8†
	NADIA.																
	4	Goari ...	4 12	5 0	5 0	5 8	5 10	6 11	4 0	4 0	4 0	4 0	4 0	4 4	13 0	13 0	13 5
	5	Ranaghat ...	(n)	4 12	4 13	(n)	5 8	5 4	(n)	5 4	5 4	(n)	5 4	5 4	(n)	16 0	16 0
	MURSHIDABAD.																
	6	Berhampore ...	5 0	5 0	5 12	5 12	5 4	6 0	5 0	5 0	5 0	5 0	5 0	5 0	14 0*	14 0*	14 8*
	7	Kandi ...	5 4	4 12	6 2	5 6	5 0	6 4	5 0	5 4	5 4	5 0	5 4	5 8	13 8	14 0	14 0
	8	Jangipur ...	5 0	5 2	5 10	5 4	5 6	5 12	4 8	4 8	4 8	5 0	5 0	5 8	14 0*	14 0*	13 0*
	JESSORE.																
	9	Sadar ...	5 8	5 8	5 8	5 12	5 12	5 12	4 0	3 8	4 0	3 12	3 8	4 0	14 0†	13 0†	14 8
	10	Bongaon ...	4 11	4 14	4 11	6 2	6 2	5 5	3 8	3 8	3 3	4 0	4 0	4 0	11 10	11 10	13 0†
	KHULNA.																
	11	Sadar ...	5 0	5 0	5 0	6 0	6 0	5 8	5 4	5 5	5 4	4 7	4 6	4 8	12 9†	12 12†	13 4
	12	Bagerhat ...	4 8	4 8	4 8	4 12	4 12	5 0	7 0	7 0	7 0	4 8	4 8	4 8	12 8	12 8	12 8
	BURDWAN.																
	13	Sadar ...	5 0	5 0	4 12	5 4	5 4	5 4	4 8	4 4	4 8	4 12	5 0	4 12	13 0	12 8	13 0*
	14	Kalna ...	4 10	4 12	4 13	5 0	5 0	5 0	4 7	4 7	4 7	4 0	4 7	4 7	16 0*	16 0*	15 8
	BIRBHUM.																
	15	Sari ...	5 4	5 8	5 8	6 0	6 0	5 12	5 8	5 4	5 8	4 4	4 0	4 8	13 0*	13 0*	13 0*
	16	Rampur Hat ...	5 0	5 0	5 8	5 0	5 0	6 0	4 12	4 12	4 8	4 0	4 0	5 0	14 0†	14 0†	14 0†
	BANKURA.																
	17	Sadar ...	6 0	5 10	5 8	6 4	6 4	6 0	5 8	6 0	5 0	4 4	4 0	5 0	12 0	12 0	14 0†
	18	Vishnupur ...	5 12	6 0	5 8	6 4	6 8	6 4	6 0	6 0	5 8	5 0	5 0	5 0	13 0*	13 0*	13 0*
	MIDNAPORE.																
	19	Sadar ...	6 0	6 3	5 8	6 4	6 8	6 8	4 0	4 0	5 8	4 0	4 0	4 0	13 0	13 0	16 0
	20	Contai ...	5 8	5 8	5 0	6 0	5 12	5 8	4 8	4 8	4 8	4 4	4 4	4 8	8 0*	8 0*	8 0*
	HOOGHLY.																
	21	Sadar ...	5 0	5 0	4 14	5 8	5 8	5 2	4 8	5 0	4 14	4 0	4 0	5 0	12 8*	13 0*	13 0†
	22	Arambagh ...	5 8	5 6	5 8	6 0	5 14	6 0	3 8	3 8	3 8	3 12	3 8	4 0	12 8*	12 0	13 0
	HOWRAH.																
	23	Sadar ...	5 8	5 0	5 4	5 12	5 8	6 0	4 10	5 0	5 8	4 0	4 0	4 12	13 0	13 0	15 8*
	24	Ulubaria ...	5 0	5 4	5 0	6 0	6 0	5 8	4 0	4 0	4 11	4 0	4 0	4 0	13 0	13 0	16 0
	RAJSHAH.																
Burdwan.	25	Rampur-Boalia ...	4 14	4 14	4 14	(b) 5 12	(b) 6 0	5 4	5 4	5 4	5 12	4 0	4 2	4 14	12 0†	12 0†	10 4†
	26	Nator ...	4 8	4 14	4 14	4 14	5 0	5 10	4 2	4 8	4 14	4 2	4 2	4 2	9 12†	9 12†	9 12†
	27	Dinaipur-Railway Bazar Hat.	4 13	4 13	5 2	5 2	5 2	6 0	6 0	6 0	6 0	4 8	4 8	4 13	13 0	13 0	13 0
	28	Jalpaiguri-Sadar...	(n)	4 12	5 0	(n)	5 4	5 4	(n)	4 8	5 0	(n)	4 8	5 4	(n)	11 8†	12 0†
Rajahm.																	

(n) Not reported.

(n) Not reported.

* Karkach.

(a) Not available.

(b) Note.

N.B.—The prices of Karkach and Liverpool salt tally with each other in marts marked †.

Prices current (retail) of food-grains, salt, etc., in the districts of Bengal for the second-half of September 1927.

		Quantity per rupee in seers of eighty tolas.															
		Common rice.						Kalai dal (<i>Phaseolus radiatus</i>).			Arhar dal or Thur Odjan Pea (<i>Cajanus indicus</i>).			Salt.			
		Average.			Cheapest.												
Division.	Number.	Districts and marts.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
Bajchali.		DARJEELING.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.
	29	Sadar ...	4 8	4 8	4 8	5 0	5 0	5 4	4 0	4 0	4 0	4 0	4 0	4 0	8 0	8 0	8 0
	30	Siliguri ...	4 0	4 0	5 0	4 12	4 12	6 0	4 12	4 12	5 4	4 0	4 0	4 8	10 0	10 0	12 0
		RANGPUR.															
	31	Sadar ...	4 8	4 8	4 4	4 10	4 10	5 0	6 6	6 6	6 6	4 7	4 7	4 0	8 0†	8 0†	8 0†
	32	Nilphamari ...	4 14	5 0	5 4	(a)	(a)	(a)	4 0	4 0	4 0	4 0	4 0	4 0	10 0†	10 0†	10 0†
	33	Bogra—Sadar ...	4 8	4 8	4 14	4 10	4 10	5 6	4 10	4 10	4 14	4 8	4 8	4 14	9 12†	9 12†	12 0†
		PABNA.															
	34	Sadar ...	4 12	4 10	4 12	5 0	4 14	5 0	4 12	4 4	5 4	4 0	3 12	4 4	12 0†	11 0	12 8†
	35	Sirajganj ...	4 5	4 1	4 12	4 8	4 8	5 0	5 0	5 0	6 0	4 0	4 0	4 0	10 14†	10 14†	11 0
Dacca.		MALDA.															
	36	Sadar ...	5 0	4 12	5 4	5 8	5 0	5 8	5 0	5 0	5 8	4 8	4 0	4 8	12 0†	12 0†	12 0*
	37	Balia-Nawabganj ...	4 14	5 0	5 4	5 4	5 8	5 8	5 8	5 8	5 8	5 0	5 0	5 8	12 8*	12 8†	14 3
		DACCA.															
	38	Sadar ...	5 0	5 0	5 2	5 8	5 8	6 0	5 0	5 0	6 8	4 8	4 8	5 4	12 0†	12 0†	12 5
	39	Mirkadim ...	(n)	4 10	5 4	(n)	5 0	5 6	(n)	(a)	(a)	(n)	(a)	(a)	(n)	13 14	14 0†
		MYMENSINGH.															
	40	Nasirabad ...	4 2	4 3	4 8	4 4	4 4	5 4	3 3	3 3	5 0	4 0	4 0	4 8	11 6	11 6	12 8*
	41	Netrakona ...	5 2	4 12	4 12	5 6	5 0	5 0	6 6	4 8	6 4	4 1	4 8	5 0	12 4	11 6	13 8
Chittagong.		FARIDPUR.															
	42	Sadar ...	4 12	4 12	4 12	5 0	5 0	5 0	5 0	5 0	4 4	4 0	4 0	4 0	8 0†	8 0†	12 0†
	43	Rajbari ...	4 12	4 12	4 12	5 5	5 5	5 4	6 0	6 0	5 0	3 8	3 8	4 0	11 0	11 0	11 0
		BAKARGANJ.				(b)	(b)	(b)									
	44	Barisal ...	4 12	5 0	4 12	5 12	6 0	6 15	6 4	6 0	7 4	4 8	4 0	4 7	12 8*	11 8†	12 12
	45	Pirojpur ...	5 4	5 0	4 8	5 6	5 4	4 8	6 4	6 0	6 0	4 0	4 0	4 0	11 0†	11 0†	12 0†
		TIPPERA.															
	46	Comilla ...	4 5	4 5	4 13	5 8	5 2	5 14	3 8	3 8	3 3	4 0	4 0	4 0	9 2*	9 2*	9 2*
	47	Chandpur ...	4 12	4 11	4 9	5 0	5 0	5 0	(a)	(a)	(a)	4 0	4 0	4 9	10 10	10 10	12 12
Chittagong.		NOAKHALI.															
	48	Kalitara Hât ...	4 8	4 12	4 8	5 0	5 0	5 0	6 8	6 8	5 4	4 0	4 0	4 4	10 0	8 0	15 13
	49	Feni Hât ...	5 0	4 4	4 4	4 4	5 8	4 4	7 0	7 0	7 0	(a)	(a)	(a)	13 0	13 0	13 0
		CHITTAGONG.															
	50	Sadar ...	5 8	5 8	5 8	6 8	6 8	5 4	6 8	6 8	5 0	4 8	4 12	4 12	14 0	14 0	18 0
	51	Oor's Bazar ...	5 0	5 0	5 0	(a)	(a)	(a)	3 8	3 8	3 4	3 8	3 8	3 8	12 0	12 8	14 0
	52	Chittagong Hill Tracts—Rangamati.	5 0	4 0	5 0	(b)	7 0	5 0	3 0	3 0	3 8	3 0	3 0	3 8	12 0	12 0	14 0

(b) New.

(a) Not available.

* Karkach.

(n) Not reported.

N.B.—The prices of Karkach and Liverpool salt tally with each other in marts marked †.

DACCA, the 5th October 1927.

H. D. BANERJI, for Director of Agriculture, Bengal

DISTRICT REPORTS ON WEATHER AND CROPS.

For the week ending on the 5th October 1927.

Summary.—During the week the rainfall was generally moderate to heavy. It has been greatly beneficial to the growth of the standing crops and to the steeping and washing of jute, but more rain is still needed, especially in parts of some West and North Bengal districts. Transplantation of winter paddy seedlings and harvesting of autumn crops are nearly finished. The present outlook of the standing crops is generally fair. Distress continues to prevail in parts of Birbhum, Malda and Dinajpur. Test relief works continue at Moraroi and Nalhati in Birbhum, where 393 persons worked on the 30th September, and also at Patnitola and Porsha police-stations in Dinajpur where 1,512 persons are working. The average price of common rice for the province has practically remained the same as compared with that of the previous week.

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
1	24-PARGANAS...	2.27	5	5	Weather seasonable. Harvesting of jute and <i>aus</i> paddy is almost over at Basirhat. Weeding of winter rice is going on in some places at Sadar. Steeping of jute is going on at Barrackpore. More rain is wanted at Sadar and Baraset. Fodder and water are sufficient.
	Diamond Harbour.	3.29	5 ⁹ / ₁₆	5 ⁹ / ₁₆	
	Barrackpore ...	1.86	4 ¹ / ₂	4 ¹ / ₂	
	Baraset ...	1.53	5 ¹ / ₂	5	
	Basirhat ...	0.67	5 ¹ / ₈	5 ¹ / ₈	
2	NADIA ...	4.84	4 ¹ / ₂	4 ¹ / ₂	Weather favourable. Fodder and water are sufficient.
	Kushtia ...	0.66	5	5	
	Meherpur ...	(n)	(n)	6 ⁵ / ₁₆	
	Chuadanga ...	5.70	6	6	
	Ranaghat ...	3.65	4 ¹ / ₂	4 ¹ / ₂	
3	MURSHIDABAD	1.02	5	5	Weather cloudy. Prospects of winter paddy are not favourable. Cattle-disease is reported from thana Shamsherganj in Jangipur. Fodder and water are insufficient except in Lalbagh. Stock of rice is sufficient in Kandi only.
	Lalbagh ...	1.65	4 ¹ / ₂	4 ¹ / ₂	
	Jangipur ...	1.43	5	5	
	Kandi ...	2.98	5 ¹ / ₂	5 ¹ / ₂	
4	JESSORE ...	1.27	5	5	Weather seasonable. Prospects of standing crops are fair. Export of <i>aus</i> paddy is going on in Bongaon. Fodder and water are sufficient.
	Jhenidah ...	5.74	5 ¹ / ₂	5 ¹ / ₂	
	Magura ...	3.70	5	5	
	Narail ...	2.69	4	4	
	Bongaon ...	3.43	4 ¹ / ₂	4 ¹ / ₂	
5	KHULNA ...	2.18	5	5	More rain wanted. Effects of weather on crops are fair. Slow import of rice is reported.
	Satkhira ...	2.49	5	(n)	
	Bagerhat ...	1.59	4 ¹ / ₂	4 ¹ / ₂	

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
6	BURDWAN ...	2.86	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Weather cloudy. Outturn of jute is fair, but that of <i>aman</i> paddy unfavourable. Fodder and water are sufficient.
	Asansol ...	1.63	6	6	
	Katwa ...	2.30	5	5	
	Kalna ...	3.35	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
7	BIRBHUM ...	2.43	6	5 $\frac{1}{2}$	Agricultural prospects have improved in Rampurhat. Test works continue at Moraroi and Nalhati where 393 persons worked on the 30th September. Fodder and water are sufficient for the present. Cattle-disease is reported from Mollarpur circle.
	Rampurhat ...	1.30	5 $\frac{1}{2}$	5	
8	BANKURA ...	3.21	6 $\frac{1}{2}$	6 $\frac{1}{2}$	Weather hot and cloudy. Fodder and water are sufficient.
	Vishnupur ...	5.42	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
9	MIDNAPORE ...	1.75	5 $\frac{1}{2}$	5 $\frac{1}{2}$	Weather seasonable. Prospects of standing crops are fair. Recent rains have been much beneficial to crops.
	Contai ...	1.56	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
	Tamluk ...	(n)	(n)	(n)	
	Ghatal ...	1.36	6	5 $\frac{1}{2}$	
	Jhargram ...	(n)	(n)	(n)	
10	HOOGLHY ...	3.49	5	5	Weather seasonable. More rain is still needed. Fodder is sufficient.
	Serampore ...	1.23	5	5	
	Arambagh ...	3.52	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
11	HOWRAH ...	4.06	5 $\frac{1}{2}$	5 $\frac{1}{2}$	Paddy is thriving. Harvesting of jute is continuing.
	Uluberia ...	0.90	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
12	RAJSHAHI ...	2.15	5	5	Harvesting of <i>aus</i> paddy and jute is going on. Prospects of standing crops are not favourable. Water is insufficient for steeping of jute.
	(RAMPUR-BOALIA). Naogaon ...	3.67	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Nator ...	4.12	4 $\frac{1}{2}$	4 $\frac{7}{8}$	
13	DINAJPUR ...	0.66	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Weather seasonable. Condition has somewhat improved in Balurghat subdivision. Test works continue at Patnitola and Porsha police-stations where 1,512 persons are working. Fodder and water are sufficient.
	Thakurgaon ...	1.67	4 $\frac{1}{2}$	4	
	Balurghat ...	0.47	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
14	JALPAIGURI ...	(n)	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Condition and prospects of standing crops are fair.
	Alipur ...	6.49	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
15	DARJEELING ...	0.16	4	4	Potatoes and maize are being harvested. <i>Marua</i> and paddy are growing. Fodder and water are sufficient.
	Kurseong ...	3.45	5	5	
	Siliguri ...	(n)	(n)	4	
	Kalimpong ...	(n)	(n)	5	

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
16	RANGPUR ...	1.19	4½	4½	Weather seasonable. Steeping and washing of jute are going on. Fodder and water are sufficient.
	Nilphamari ...	(n)	(n)	5	
	Kurigram ...	4.29	4½	4½	
	Gaibandha ...	3.03	4¾	4½	
17	BOGRA ...	1.02	4½	4½	More rain is wanted for the improvement of transplanted paddy seedlings. Cattle-disease is reported from Dupchanchia thana.
18	PABNA ...	1.47	4½	4½	Prospects of crops are fair. Fodder and water are adequate.
	Sirajganj ...	0.63	4½	4½	
19	MALDA ...	0.91	5	5	Weather hot and cloudy. More rain is wanted for jute and paddy. Prospects of standing crops and weather effects are unfavourable. Harvesting of jute and other <i>bhadoi</i> crops continues. Sowing of <i>kalai</i> has commenced. No want of fodder and water.
20	COOCH BEHAR	5.91	5½	5½	Weather seasonable. Cutting, steeping and washing of jute are going on. Prospects of standing crops are fair. Fodder and water are sufficient. Cattle-disease is reported from Mathabhanga subdivision.
21	DACCA ...	1.48	4¾	4¾	There was good rainfall during the week. Steeping of jute is still going on in places. Prospects of standing <i>aman</i> paddy appear to be satisfactory. Rice market is almost steady. Fodder and water are sufficient.
	Manikganj ...	3.69	4½	4½	
	Narayanganj ...	1.33	4¾	4¾	
	Munshiganj (a)	6.32	4½	4½	
22	MYMENSINGH	8.25	4	4	Weather fine after heavy rain. Paddy crop is flooded in some places. Condition is generally not very unfavourable.
	Jamalpur ...	(n)	(n)	4½	
	Tangail ...	(n)	(n)	4¾	
	Netrakona ...	(n)	(n)	4¾	
	Kishorganj ...	(n)	(n)	4¾	

(a) Munshiganj being very near to Dacca and Narayanganj, its rainfall statistics are not quoted. To give information regarding the northern part of the district, rainfall figures for Kapasia thana are reported here.

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
23	FARIDPUR ...	1.20	4 $\frac{3}{4}$	4 $\frac{3}{4}$	Weather seasonable. Prospects of jute and paddy are fair. Fodder is insufficient in some places.
	Goalundo (Rajbari).	(n)	(n)	4 $\frac{3}{4}$	
	Madaripur ...	2.83	5	5	
	Gopalganj (a) ...	2.24	4 $\frac{9}{16}$	4 $\frac{9}{16}$	
24	BAKARGANJ (BARISAL).	1.58	4 $\frac{3}{4}$	4 $\frac{7}{8}$	Weather rainy and cloudy. Fodder and water are sufficient.
	Pirojpur ...	(n)	(n)	5	
	Patuakhali ...	2.91	4 $\frac{9}{16}$	4 $\frac{3}{4}$	
	Dakshin Shabazpur (Bhola).	2.38	5	5	
25	CHITTAGONG ...	4.31	{ 5 $\frac{1}{2}$ 6 $\frac{1}{2}$ }	{ 5 $\frac{1}{2}$ 6 $\frac{1}{2}$ }	Transplantation of winter rice is completed. Prospects of standing crops are fair. Fodder and water are sufficient. <i>Panga</i> salt sells at 14 seers per rupee at Sadar and at 12 seers at Cox's Bazar. Cattle-disease is reported from Cox's Bazar.
	Cox's Bazar ...	8.22	5 $\frac{1}{4}$	5 $\frac{1}{4}$	
26	TIPPERA (COMILLA).	4.33	4 $\frac{3}{16}$	4 $\frac{3}{16}$	Weather seasonable. Condition and prospects of standing crops are fair.
	Brahmanbaria	2.83	4 $\frac{1}{16}$	4 $\frac{1}{17}$	
	Chandpur ...	2.06	4 $\frac{3}{16}$	4 $\frac{3}{16}$	
27	NOAKHALI ...	2.62	5	5	Weather fair. Condition of standing paddy crop is good. Fodder and water are sufficient.
	Feni ...	3.70	4 $\frac{1}{2}$	5	
28	CHITTAGONG HILL TRACTS.	3.39	{ 6 $\frac{1}{2}$ (b) 5 }	{ 6 $\frac{1}{2}$ (b) 5 }	
29	TRIPURA STATE	2.29	4	4	Weather rainy and favourable for winter paddy. Fodder and water are sufficient. Cleansed cotton sells at Rs. 18 to Rs. 30 and jute at Rs. 5 to Rs. 9 per maund.

(n) Not reported.

* Burma rice.

(b) New.

(a) The rainfall at Haridaspur, which is very near to Gopalganj, is not shown here.

N. D. BANERJI, for *Director of Agriculture, Bengal.*

Dacca, the 6th October 1927.

Vital statistics of towns with a population of 50,000 and over of the Bengal Presidency for the week ending Saturday, the 24th September 1927.

District. No. Towns.			Population under registration according to census of 1921.		Births registered.		Deaths registered.																								
			Male.	Female.	Total.	Number registered (excluding still-births).	Still-born number registered.	Cholera.	Small-pox.	Plague.	Malaria.	Enteric fever.	Measles.	Relapsing fever.	Kala-azar.	Other fevers.	Dysentery.	Diarrhoea.	Influenza.	Pneumonia.	Pthiasis.	Other respiratory diseases.	Infants including suicide.	Deaths from child-birth.	Other causes.	Total of all causes.		Total of corresponding week of the previous year.			
																										Male.	Female.	Total.	Male.	Female.	Total.
Calcutta	1	Calcutta	724,348	353,016	1,077,264	401	44	11	2	...	24	24	1	...	11	45	45	12	9	24	45	71	10	1	268	325	278	603	351	811	
Burdwan	2	Asansol Mining Settlement.	176,814	152,639	329,353	210	1	2	...	...	...	...	...	...	...	25	1	...	...	10	1	8	2	1	83	76	57	133	82	169	
Howrah	3	Howrah	128,472	66,829	195,301	101	16	3	...	...	5	6	...	...	4	18	15	11	...	9	3	14	3	2	47	74	66	140	71	147	
Dacca	4	Dacca	67,323	52,117	119,450	71	2	4	1	...	...	2	...	...	...	6	5	1	2	1	...	2	1	3	17	22	23	45	36	41	77
24 Parganas	5	Bhatpara	45,723	19,886	65,609	31	...	1	...	...	...	2	...	...	...	4	1	3	...	1	...	1	1	1	5	6	14	20	10	13	23
	6	Titagarh	36,533	15,918	52,451	23	2	1	...	...	...	...	...	...	...	15	...	...	...	...	...	...	...	...	6	15	7	22	5	11	16

CALCUTTA, the 30th September 1927.

CHAS. A. BENTLEY, M.B., D.P.H., D.T.M. & H., Director of Public Health, Bengal.

Statement of weekly gauge-readings on the river Ganges at Rampur-Boalia for the week ending the 1st October 1927.

Date.	Hour.	Height of surface above zero of gauge.	Height of surface above P. W. D. datum.	Height of surface above P. W. D. datum on the same date last year.	Remarks.
1927.					
25th September ...	7 A.M.	52'40	52'40	57'50	P. W. D. datum 6'25 feet above Kidderpur old dock sill. B. M. on Rajshahi College step 64'73. Value of zero = 0'00 P. W. D.
26th " ...	7 "	52'00	52'00	58'25	
27th " ...	7 "	51'80	51'80	58'50	
28th " ...	7 "	51'55	51'55	58'70	
29th " ...	7 "	51'25	51'25	58'85	
30th " ...	7 "	51'05	51'05	58'75	
1st October ...	7 "	51'05	51'05	58'00	

	Old value.	P. W. D. datum.
The previous year's	Highest water-level on 11th September 1926	... 60'15
Do.	Lowest water-level on 25th May 1927	... 34'95
Record	Highest " ... 69'25 on 2nd August 1879	... 64'44
Do.	Do. " ... 69'08 on 9th September 1885	... 64'27
Do.	Do. " ... 68'30 on 25th August 1906	... 63'47
Do.	Do. " ... 68'21 on 26th August 1920	... 63'40
Do.	Do. " ... on 13th August 1922	... 61'70
Do.	Do. " ... on 27th August 1923	... 61'05
Do.	Do. " ... on 18th August 1924	... 61'35
Do.	Do. " ... on 16th September 1925	... 61'45
Do.	Lowest " ... 37'63 on 25th April 1884	... 32'82
Do.	Do. " ... 38'13 on 14th and 15th April 1883	... 33'32
Do.	Do. " ... 39'02 on 21st and 22nd April 1897	... 34'21
Do.	Do. " ... 39'28 on 6th and 7th May 1908	... 34'47
Do.	Do. " ... on 9 May 1912	... 34'70
Do.	Do. " ... on 4 h May 1923	... 35'80
Do.	Do. " ... on 2 th May 1924	... 35'95
Do.	Do. " ... on 1 th April 1925	... 35'80

N. B.—The gauge-readings commenced from the 1st August 1887.

M. M. KAR, for *Subdivisional Officer,*
I. D., Rajshahi.

RAJSHAHI, the 1st October 1927.

Statement of weekly gauge-readings on the rivers Ganges and Brahmaputra at Goalundo for the week ending the 1st October 1927.

Month and date.	Hour.	Height of surface above zero.	Height of surface above mean sea-level.	Height of surface above mean sea-level on the same date of last year.	Remarks.
1927.					
25th September...	7 A.M.	24'8	24'8	23'2	Zero is placed at mean sea-level.
26th " ...	7 "	24'6	24'6	23'5	
27th " ...	7 "	24'5	24'5	23'7	The bench-mark for this gauge is marked on a pucca base between passenger ghat and Chandpur ghat at Goalundo.
28th " ...	7 "	24'4	24'4	23'8	
29th " ...	7 "	24'2	24'2	23'9	
30th " ...	7 "	24'1	24'1	23'9	
1st October ...	7 "	24'0	24'0	23'7	

The gauge-readings commenced on 3rd October 1909.

Highest recorded flood during previous year ... 26'4 on 15th August 1926.

Highest recorded flood ... 26'7 on 23rd and 24th August 1914; 26'5 on 15th September 1925; 25'75 on 28th August 1906, and 25'66 on 11th to 17th, and 31st August 1889, and 1st to 3rd September 1883.

Lowest recorded water-level during previous year ... 6'0 on 24th February 1926.

Previous recorded low water-level ... 1'0 on 8th February 1914.

A. M. PAUL, for *Subdivisional Officer,*
P. W. D., Faridpur.

RAJBARI, the 1st October 1927.

Statement showing the gauge-readings at Dacca water-works on the river
Burliganga for the week ending 24th September 1927.

Date.	At highest water.		At lowest water.		Commencement of—		Remarks.
	Time.	Reading.	Time.	Reading.	Ebb tide.	Flow tide.	
1927.							
18th Sept. ...							7 A.M. 5 P.M.
19th " ...							18'6 18'6
20th " ...							18'6 18'5
21st " ...							18'45 18'4
22nd " ...							18'3 18'25
23rd " ...							18'15 18'1
24th " ...							18'0 17'95
							17'95 17'95

B. M. on settling tank 39'49 O. M. S. L. Zero is at O. M. S. L.

Notable high and low water-levels of previous years.

High.				Low.			
27th August	1906	...	70'5	23rd February	1907	...	51'06
5th September	1909	...	66'86	13th "	1908	...	51'06
10th August	1910	...	69'26	12th March	1912	...	51'06
1st "	1911	...	68'46	6th "	1914	...	50'60
18th "	1912	...	67'16	22nd February	1915	...	50'30
31st "	1915	...	69'7	15th "	1916	...	50'60
8th "	1916	...	68'1	3rd March	1917	...	51'0
12th "	1917	...	67'1	21st February	1918	...	51'40
18th "	1918	...	69'12	26th "	1919	...	50'4
2nd "	1919	...	66'8	18th "	1920	...	50'9
8th September	1920	...	66'9	19th "	1921	...	50'9
28th July	1921	...	68'4	8th March	1922	...	51'05
10th August	1922	...	68'00	14th "	1923	...	50'8
31st July	1923	...	66'15	16th February	1924	...	50'50
29th August	1924	...	68'82	5th March	1925	...	50'9
8th September	1925	...	66'62	9th February	1926	...	2'2
15th August	1926	...	19'6				

N.B.—Zero of the gauge at Dacca water-works prior to 11 A.M. on 8th January 1926 = -48'51 with reference to P. W. D. datum.

Zero of the gauge at Dacca water-works since 11 A.M. on 8th January 1926 = 0'00 with reference to P. W. D. datum.

P. C. BASU, Executive Engineer,
Khulna Division.

KHULNA, the 28th September 1927.

REPORT ON THE ADMINISTRATION OF THE EXCISE DEPARTMENT, BENGAL, FOR THE YEAR 1926-27.

NOTIFICATION.

No. 632T.—A.I.—The 26th September 1927.—The following extracts from the report of the Commissioner of Excise and Salt on the administration of the Excise Department in Bengal, during the year 1926-27, are published for general information.

R. N. REID,

Secretary to the Government of Bengal.

No. 3430 E., dated Calcutta, the 1st August 1927.

From—RAI BAHADUR S. K. RAHA, Commissioner of Excise and Salt,
Bengal (offg.),

To—The Secretary, Government of Bengal, Department of Agriculture and Industries.

I have the honour to submit the following report on the administration of the Excise Department in the Presidency of Bengal for the year 1926-27.

I held charge of the department throughout the year, except from the 1st to the 5th April 1926 during which period Mr. G. P. Hogg, I.C.S., was in charge.

* * * *

4. Administrative changes and reforms.—(1) With a view to secure more popular control over the determination of the number and sites of excise and opium shops, the local Excise Advisory Committees in the districts of the 24 Parganas, Dacca, Rangpur and Chittagong were replaced by Excise Licensing Boards, with a non-official majority on each, on the same lines as in Calcutta. These Boards were empowered to decide the number of licenses and the location of shops for the retail sale of intoxicating liquors, hemp drugs and opium (Government Notifications Nos. 422Ex. and 423Ex., dated the 21st January 1927).

(2) With a view to check the excessive consumption of country spirit amongst the tea-garden coolies in the Duars of the district of Jalpaiguri, the following steps were taken during the year:—

- (i) In several shops situated in *hâts*, orders were issued to close the shops on *hât* days at 4 P.M. Excessive indulgence in liquor

generally used to happen after this hour.

- (ii) The duty and retail sale price of 75° U. P. liquor were increased from Re. 1-5 and Rs. 2-11 to Rs. 2-5 and Rs. 3-11 respectively per bulk gallon in all the shops on the east side of the Teesta.
- (iii) Steps were taken by the Deputy Commissioner to make such alterations in the location of shops as appeared to be feasible.

The measures taken have been successful (Government Notifications Nos. 1159 Ex. and 1160 Ex., dated the 23rd February 1927).

(3) There was excessive indulgence in opium amongst the *Magh* settlers in the colonization area in the *Sunderbans* in the district of Bakarganj, and steps were taken to stop the evil. Out of 6 shops in the area, 3 were abolished with effect from 1st April 1927, and the legal limit of retail sale was reduced from 3 tolas to $\frac{1}{4}$ tola. At the same time, the limit of retail sale throughout the other areas in the district was reduced from 3 tolas to 1 tola.

(4) The system of issuing licenses for the home-brew of *pachwai* to the members of the aboriginal tribes at an annual fee of Rs. 2 per household was extended to the district of Bakarganj, to meet the requirements of the aboriginal settlers in the district, with effect from the 1st June 1926 (Government Notification No. 118 T.A.I., dated the 11th May 1926).

(5) The Bengal fixed fee system of licensing of *pachwai* shops was introduced throughout the district of Murrshidabad, with effect from the 1st April 1927.

(6) The privilege of free home-brew of *pachwai* (country beer) was withdrawn from the town of Darjeeling with effect from the 1st April 1927, with a view to check the illicit sale of the article, as well as the illicit manufacture of country spirit therefrom. The limit of retail sale from the *pachwai* shops in the Darjeeling Municipality was also, at the same time, reduced from 12 to 6 seers of undiluted *pachwai*.

(7) In the district of Darjeeling the sale strengths of country spirit were reduced from 25° U.P. and 55° U.P. to 30° U.P. and 60° U.P., the retail sale prices remaining the same, with effect from the 1st April 1927. This measure was partly intended to control the increase in consumption in the district (Government Notifications Nos. 1789Ex. and 1790 Ex., dated the 24th March 1927).

* * * *

(9) The closing hour of the foreign liquor, country spirit, *tari* and *pachwai* shops within the Bansberia Municipality of Hooghly district and of the foreign liquor shops at Kanchrapara in the 24-Parganas district was fixed at 8 P.M., to meet the requirements of the consumers working in the jute mills in the former place and in the railway workshops at the latter place (Government Notifications Nos. 958 T.A.I., dated the 22nd October 1926, and 1511 Ex., dated the 8th March 1927).

* * * *

(12) The concession of obtaining duty-free spirit has been extended—

(i) to private hospitals, dispensaries and other medical institutions, which are not under Government supervision but which may be specially permitted by the Excise Commissioner on the certificate of the Surgeon-General;

(ii) to veterinary hospitals, when the indents are countersigned by the the Director or the Assistant Directors of the Veterinary Department (Government Notifications No. 3064 Ex., dated the 13th July 1926, and No. 1602

Ex., dated the 14th March, 1927).

(13) The export of the following drugs from Bengal by sea to a maritime State in India, or to any place beyond the limits of India, is now permitted to be made only from the port of Calcutta, and under an export authorisation granted by the Collector of Customs, Calcutta (Government Notifications Nos. 1072 T.A.I., 1073 T.A.I. and 1074 T.A.I., dated the 8th November 1926):—

(i) Intoxicating drugs.

(ii) Morphia drugs and medicinal opium.

(iii) Cocaine.

(iv) Indian hemp, including *charas*, *ganja* and *bhanga*.

(v) Galenical preparations of Indian hemp.

(14) Certain medicinal preparations containing cocaine, opium or morphia, which were previously exempt from excise restrictions, have been brought under the import certificate system (Government Notifications Nos. 5983, 5985 and 5986, dated the 16th December 1926).

(15) The special concession hitherto allowed to foreign horse-dealers and travellers of rank or position, about the importation and possession of opium produced out of India or intoxicating drugs prepared therefrom, has been withdrawn (Government Notification No. 407Ex., dated the 20th January 1927).

* * * *

5. **Temperance movements.**—Reports of temperance movements during the year under review were received from the following districts as in the preceding year:—

(i) In *Calcutta* the various temperance organizations, and specially the Calcutta Temperance Federation, continued to take keen interest in the problem of temperance.

(ii) *Chittagong*.—The temperance movement organised by the Mugh community at Cox's Bazar, Teknaf and Nilla continued during the year. The leading

Mughes of Teknaf have introduced a system of social boycott on people keeping *chandu* or opium smoking dens. The result is beneficial.

(iii) *Dinajpur*.—Some workers of the *Sudhi movement* devoted their attention to effect moderation in the indulgence of drink among the aboriginal settlers in the district.

(iv) *Jalpaiguri*.—The only temperance movement in the district was the one which was noticed in the preceding year's report, among the Christian Santal colony at Samuktolla, where total prohibition was enforced in return for the advantages of residence within the colony.

(v) *Darjeeling*.—The local Christian missionary gentlemen and the local Temperance Association devoted some attention to the cause of temperance.

It does not appear that there was any sustained temperance movement in any of the mufassal districts, though in particular centres, interest was shown in the problem by individual workers.

6. Licensing Boards.—The *Calcutta Licensing Board* held 6 meetings, and took the measures indicated below:—

(a) The following licensed shops were abolished with effect from the 1st April 1927:—3 country spirit, 1 *ganja*, and 2 *tari*. One *tari* shop was abolished with effect from the 1st December 1926. The privilege of "On" vend was withdrawn from 3 country spirit shops from the 1st April 1927.

(b) Transfer of sites was approved in the following cases, *viz.*—3 country spirit, 2 opium, 3 foreign liquor public "Off", and 1 hotel.

(c) One new foreign liquor public "Off" license was sanctioned with effect from 1st April 1927.

(d) Objections made against the existing location of the following premises were rejected, *viz.*—4 country spirit, 1 foreign liquor "On", 1 foreign liquor public "Off", 2 *tari* and 1 restaurant.

(e) Two applications for conversion of country spirit "Off" licenses into "On" and "Off" licenses, 5 appli-

cations for new foreign liquor public "Off" licenses, 5 applications for new restaurant liquor licenses and 2 applications for reconsideration of the Board's previous orders abolishing two country spirit licenses were rejected by them.

The *Licensing Boards for the Municipalities of Howrah and Bally* each held one meeting during the year.

The *Howrah Board* sanctioned the abolition of 1 country spirit, 1 *tari*, 1 *ganja*, and 1 opium shop with effect from the 1st April 1927, and sanctioned the transfer of sites of 1 country spirit, 1 *tari*, and 1 combined drug shop. The Board discussed and passed a resolution to the effect that steps should be taken to improve the sanitary condition of the drink shops within the municipality, and action was taken by the department in this direction during the year. The Board rejected an application for a new combined opium and *ganja* license.

The *Bally Board* effected no changes in the number and location of shops during the year.

The *Sadar Licensing Board of the 24-Parganas district* held two meetings. Applications for new licenses for the year 1927-28 were not considered by the Board, as public opinion could not be invited thereon in time. One *tari* shop was abolished by the Board, and on a motion for the abolition of one country spirit and one *tari* shop, amendments were moved and carried, to the effect that the shops be retained until other suitable sites could be found for them.

The *Barrackpore Licensing Board* held two meetings. The Board made no alteration in the number and location of the existing licensed premises for the year 1927-28.

The *Dacca Licensing Board* held two meetings. The number and sites of the existing shops, as well as applications for new shops, were considered. The Board made no changes in the number of licenses, but directed change of sites of one *tari* and one country spirit shop. The Board rejected all applications for new licenses.

The *Rangpur Licensing Board* held one meeting and directed the abolition of 3 *ganja* shops, 1 combined *ganja* and opium shop, 1 *bhang* shop and 2 *tari* shops, and the change of site of 1 country spirit shop, with effect from 1st April

1927. The Board sanctioned one new foreign liquor "Off" license with effect from the above date.

The *Chittagong Licensing Board* held one meeting and directed the abolition of 1 country spirit, 1 foreign liquor, 1 *tari*, and 3 *ganja* shops, and the change of sites of 2 country spirit, 1 opium and 2 *pachwai* shops, with effect from 1st April 1927. The Board considered a large number of petitions for new opium and *ganja* shops at different places, and held that no increase of licenses for the sale of these drugs during 1927-28 were necessary.

I have watched the proceedings of the various Boards during the year, and would note that all of these evinced moderation and judgment in their work.

7. Excise Advisory Committees.—

In areas other than those mentioned in paragraph 6 above, the local Excise Advisory Committees advised the Collectors as regards the number and location of excise and opium shops. All their recommendations were carefully considered, and most of them were accepted.

In accordance with their recommendations, 6 country spirit, 3 *tari*, 14 *pachwai* and 6 opium shops were abolished, the sites of 16 country spirit, 7 *tari*, 13 *pachwai*, 4 opium, 4 *ganja* and 3 *bhang* shops were changed, and 1 *tari*, 2 *pachwai*, 1 opium and 2 *ganja* shops were newly opened with effect from 1st April 1927.

The various Advisory Committees generally showed due discretion and appreciation of existing conditions in their recommendations. None recommended total abolition of all excise and opium shops in its jurisdiction.

8. Total revenue and charges.—

The excise revenue and charges of the Presidency for the last five years are shown below:—

Period.	Revenue.	Refunds.
1	2	3
	Rs.	Rs.
1922-23	2,01,17,030	28,305
1923-24	2,09,66,085	14,639
1924-25	2,15,53,443	75,072
1925-26	2,28,44,009	43,961
1926-27	2,25,55,658	39,281
Difference of the past two years ..	- 2,88,851	- 4,680

Period.	Expenditure (after deducting contribution of Rs. 2 lakhs from the Government of India).	Net revenue.	Percentage of charges. (Percentage of columns 3 and 4 to column 1.)
	4	5	6
	Rs.	Rs.	
1922-23	14,06,092	1,86,82,633	7.13
1923-24	12,19,199	1,97,32,247	5.88
1924-25	11,45,651	2,03,32,720	5.66
1925-26	25,68,190	2,02,31,858	11.43
1926-27	24,10,226	2,01,06,151	10.85
Difference of the past two years	- 1,57,964	- 1,25,707	- 0.58

Excluding the cost price of opium which is being included in the revenue of the department from 1925-26, the figures for 1925-26 and 1926-27 are as follows:—

Period.	Revenue.	Refunds.
1	2	3
	Rs.	Rs.
1925-26	2,17,18,633	43,961
1926-27	2,14,19,014	39,281
Difference of the past two years ..	- 2,99,619	- 4,680

Period.	Expenditure (after deducting contribution of Rs. 2 lakhs from the Government of India).	Net revenue.	Percentage of charges. (Percentage of columns 3 and 4 to column 1.)
	4	5	6
	Rs.	Rs.	
1925-26	12,51,714	2,04,22,958	5.96
1926-27	13,29,926	2,00,49,807	6.39
Difference of the past two years	+ 78,212	- 3,73,151	+ .43

The decrease in revenue was mainly due to closure of shops in Calcutta during April, May and June 1926 on account of the communal riots, and also to subsequent closure of shops on certain festive occasions to prevent communal riots.

9. **Actual receipts.**—Deducting the advance collections (Rs. 1,21,230) for 1927-28 and adding the revenue (Rs. 85,143) which was collected in advance in 1925-26, the actual receipts on account of 1926-27 were Rs. 2,25,19,571, against Rs. 2,28,34,518 (after similar adjustment) of the preceding year.

10. **Excise charges.**—The total expenditure of the Excise and Salt Department, excluding the cost price of opium payable to the Government of India, was Rs. 15,29,926 during the year, against Rs. 14,51,714 during 1925-26.

11. Revenue under different heads.—The largest increase of revenue (Rs. 4,17,138) occurred under "hemp drugs." Opium came next with an increase of Rs. 1,85,665, followed by receipts from "Commercial spirits" including medicated wines (Rs. 44,516). Receipts under "Miscellaneous" showed an increase of Rs. 17,822. The largest decrease (Rs. 5,68,107) occurred under the head "Country spirit," followed by a decrease of Rs. 1,92,555 from "*Pachwai*" and Rs. 50,440 from "*Tari*."

12. Demand and collection.—Of the gross demand of Rs. 2,26,08,108, a sum of Rs. 2,25,55,658, or 99·7 per cent., was realized. Rupees 31,750 was remitted as irrecoverable. The incidence of excise revenue per head of population was 7 annas 8 pies, against 7 annas 9 pies in the previous year.

SECTION II.—Country Liquor.

COUNTRY SPIRIT.

14. Systems of supply and sale.—There were no changes in the systems of supply and sale.

15. Retail licenses.—The number of licenses for the sale of country spirit was 938, against 948 in 1925-26, showing a decrease of 10 licenses.

16. Consumption.—The total consumption of country spirit in the Presidency amounted to 6,27,962 L.P. gallons, as compared with 6,32,351 L.P. gallons in the preceding year, showing a decrease of 4,389 L.P. gallons. Consumption increased in 16 districts and decreased in 11 districts. A large increase of 24,698 L.P. gallons, or 53·9 per cent., occurred in the district of Jalpaiguri, while Calcutta showed an appreciable decrease of 28,955 L.P. gallons, or 15·8 per cent. Steps taken by the Government, before the close of the year, to check the excessive consumption of liquor in the district of Jalpaiguri have been dealt with by me in paragraph 4(2) above. The principal reason for the fall in consumption in Calcutta has been explained in paragraph 17.

There was a general decrease in most of the districts of the Burdwan Division, due to the higher price of rice in the division almost throughout the year and

to slump in the coal trade in the Burdwan district.

There was an increase of consumption in many of the districts in North and East Bengal which was due to the influx of upcountry men in connection with jute and other business and a general increase in the wages of the labouring classes in business centres.

17. Total revenue from country spirit.—The total revenue (license and distillery fees and duty) from country spirit was Rs. 90,58,373, against Rs. 96,26,480—a decrease of Rs. 5,68,107. The revenue derived from duty and distillery fees decreased by Rs. 5,19,588 and that from license fees decreased by Rs. 48,519.

The fall in the revenue was solely due to the fall in the consumption in Calcutta, brought about by the communal disturbances in the city and the necessity of closing down country spirit shops on most of the festive occasions for the preservation of peace.

18. Convictions for drunkenness, and action taken against licensees for permitting it.—

In Calcutta 3,241 persons were convicted of drunkenness, as compared with 3,968 persons in the previous year, but no statistics were taken to show what proportions of these cases were due to country spirit, *tari* and foreign liquor respectively. The Commissioner of Police, Calcutta, has attributed the decrease principally to the closure of shops referred to above.

19. Distilleries and warehouses.—There was no change in the number of distillers. The rates fixed for cost price of spirit from 1st July 1926 were—(1) Messrs. Carew & Co., Re. 1-12 per L.P. gallon, (2) Messrs. D. Waldie & Co., Re. 1-10-3 per L.P. gallon, (3) Messrs. Hajee Ismail Sait & Son, Re. 1-7-3 per L.P. gallon. These rates continued till the 30th June 1927.

The spirit warehouse at Jalpaiguri was abolished from the 1st April 1927.

Adequate supply of liquor was generally maintained throughout the year from the distilleries to the bonded warehouses, and though on several occasions the stock fell below the prescribed minimum, the issues to the "retail" premises were not affected.

TARI.

20. **General.**—During the year under report, licenses for the retail sale of fermented *tari* were settled by auction in the "tree-tax" as well as in the other areas of the Presidency.

21. **The tree-tax system in Hooghly, Howrah, the 24-Parganas and Calcutta.**—The first introduction of the tree-tax system in Calcutta met with serious difficulty in the beginning of the year, on account of heavy rains in March 1926, preventing proper preparation of the trees in time, and subsequently on account of the communal disturbances, necessitating constant closure of *tari* shops. Compensation had to be granted to the licensees, and easy instalments for payment of license fees and tree-tax were permitted. The new system has, however, been started fairly satisfactorily, both in Calcutta and in the 24-Parganas.

The system continued to work well in the other two districts.

22. **Statistics.**—The total receipts under the head "*Tari*" decreased from Rs. 8,84,892 to Rs. 8,34,452. The number of retail licenses decreased from 543 to 537. The bulk of the *tari* revenue was derived as in previous years from the Burdwan and Presidency Divisions and the district of Malda, which altogether contributed Rs. 7,97,453 out of the total revenue under this head of Rs. 8,34,452. The decrease in revenue was mainly due to the closure of shops in Calcutta referred to above, and to the issue of a less number of tree-tapping licenses for domestic consumption in the districts of Hooghly and Howrah.

PACHWAI.

23. **Licenses.**—The total number of licenses issued for "retail sale," "home-brew (annual)," and "manufacture of *pachwai* on special occasions" was 54,952, as compared with 37,326 in 1925-26.

	Number of licenses issued.	
	1925-26.	1926-27.
Retail sale	1,203	1,201
Home-brew (annual) ..	34,365	52,992
Manufacture on special occasions	1,758	759

The increase in the number of licenses permitting home-brew of *pachwai* was solely due to the revised system of issue of such licenses by the managers of tea-gardens in the district of Jalpaiguri, sanctioned in Government Order No.1152 T.A.I., dated the 17th October 1925. The revised measures were introduced to prevent the extensive illicit brew of *pachwai* amongst the tea-garden coolies in the district, and have been successful, specially owing to the co-operation of the managers of the gardens.

24. **Revenue.**—The revenue in license fees from "retail vend shops" decreased from Rs. 12,14,396 to Rs. 10,05,382. The decrease was marked in Burdwan (Rs.1,59,990), Birbhum (Rs. 33,330) and Bankura (Rs. 20,691). The large decrease in revenue in Burdwan was principally due to the prevailing higher rate of the price of rice, causing a corresponding reduction in license fees, and partly to the slump in the coal trade which caused some reduction in the consumption. In Birbhum the decrease was solely due to the higher rate of the price of rice, while in Bankura the decrease was partly due to the higher rate of the price of rice, and partly to a temporary movement among the Santhals in the western part of the district to stop coming to the licensed shops, in the hope of obtaining the concession of free home-brew.

25. **Consumption.**—The licit consumption in the districts of Burdwan, Birbhum, Bankura and Hooghly, where the Bengal fixed fee system was in operation and accurate figures of consumption from the licensed shops were available, amounted to 199,418 maunds of rice, against 2,05,064 maunds of rice during the previous year, as detailed below:—

		Maunds of rice.	
		1925-26.	1926-27
Burdwan .. ..	..	107,932	97,501
Birbhum .. ..	..	58,459	62,663
Hooghly .. ..	..	10,928	12,522
Bankura .. ..	..	27,745	26,732
Total .. ..	..	205,064	199,418

Since the beginning of the current year, the fixed fee system has been introduced in all the licensed shops (78) in the district of Murshidabad.

Out of 1,201 licenses in the Presidency for the manufacture and vend of *pachwai*, 938 are now working under the fixed fee system.

26. Control over manufacture and sale of pachwai and of bakhar.—The measures adopted by Government for further regulation and control over the manufacture and sale of *pachwai*, mentioned in paragraph 25 of the report for the year 1925-26, have been effective in improving the quality of *pachwai* in all the districts where they were introduced.

The Collector of Burdwan has reported that the system of testing diluted *pachwai* with the ebullioscope introduced during the year has proved a success—both as a safeguard against leakage of revenue, as well as a protection to the consumer against unauthorised adulteration. Several of the worst cases of misbehaviour amongst licensees were dealt with by cancellation or non-renewal of the licenses. The Collector of Birbhum has reported that there has been a satisfactory improvement in the quality of *pachwai* now sold by the retail vendors. Rice used at present is better, arrangements have been made for purer water-supply, and there has been a general improvement in all the operations connected with the manufacture of *pachwai*. The proper control of the manufacture and supply of *bakhar*, which is one of the main problems in this connection in the district of Birbhum, also received adequate attention.

27. The number of licenses issued for the manufacture and sale of *bakhar* during the year were as follows:—

District.	Number of licenses issued.	
	Manufacture and sale of <i>bakhar</i> .	Sale of <i>bakhar</i> .
Burdwan ..	9	30
Birbhum ..	32	10
Bankura ..	14	10
Midnapore ..	64	..
Hooghly ..	..	3
Murshidabad ..	4	6

The number of licenses issued in Birbhum for the manufacture and sale of *bakhar* was considerably curtailed during the year, as a result of the investigations into the subject which were carried

on during the year under report, as well as in the preceding year. Detailed regulations were also introduced for regular accounts of manufacture and supply.

The Superintendent of Excise, Birbhum, Mr. D. N. Mukherjee, who has been conducting experiments in regard to the manufacture of *bakhar*, has come to the conclusion that several of the suspicious herbs and roots which were being used by *bakhar* manufacturers were not essential for the manufacture of the article, and several of such herbs were prohibited from use in its manufacture during the year, in accordance with the advice of the Chemical Examiner. Efforts are now being made for the preparation of a standard *bakhar*, free from all herbs, roots or seeds which are of a poisonous or suspicious character.

* * * *

SECTION III.—Foreign Liquor.

* * * *

I.—POTABLE LIQUORS.

* * * *

31. Import from foreign countries and clearances.—The following statistics furnished by the Collectors of Customs show clearances of foreign liquor on payment of duty from the Customs Houses in Calcutta and Chittagong:—

Name.	1925-26.		1926-27	
	Calcutta (Liquid gallons).	Chittagong (Liquid gallons).	Calcutta (Liquid gallons).	Chittagong (Liquid gallons).
Ale, beer and porter	831,425	5,791	966,423	8,977
Cider and other fermented liquors	2,386	..	2,963	..
Total ..	833,811	5,791	969,386	8,977
<i>Spirits and liquors.</i>				
Brandy ..	79,333	338	80,916	425
Whisky ..	180,499	6,724	172,758	7,811
Gin ..	24,653	663	28,314	801
Rum ..	6,230	..	6,780	..
Liqueurs ..	7,172	..	7,768	..
Spirits (other sorts)	9,172	..	2,845	..
Total ..	307,059	7,725	299,381	9,037

The Collector of Customs, Calcutta, has commented on the statistics for the Port of Calcutta in 1926-27 as follows :—

"Ale, beer and porter.—British beers have again advanced at the expense of German brands. Japanese, however, show an increase of nearly 25 per cent. and imports from the Netherlands continued to expand. Compared with imports from the United Kingdom, which totalled 576,772 gallons, both these classes are of comparative insignificance.

Brandy and whisky.—In spite of a less favourable rate of exchange during the greater part of the year, imports of brandy showed a further increase. Whisky declined to the extent of 20,000 gallons, or 10 per cent.

Rum.—Imports of rum, denatured on arrival, reached the high figure of 356,333 gallons.

Consumption.—Brandy increased slightly, while whisky fell off. Wines of all kinds were consumed in slightly larger quantities. Vermouth, however, was somewhat less popular than in the previous year."

The following statistics show imports and issues of spirits in L. P. gallons at the Calcutta Custom House :—

Year.	Brandy, whisky, rum and gin.	Java arrack.	White and rectified spirit.	Total.
	(L. P. gallons).	(L. P. gallons).	(L. P. gallons).	(L. P. gallons).
<i>Imported.</i>				
1924-25 ..	216,135	59,842		275,977
1925-26 ..	229,865	47,291	..	277,156
1926-27 ..	225,779	79,434	87 (liquid gallons, proof not available).	305,213 and 87 liquid gallons.
<i>Issued on payment of duty.</i>				
1924-25 ..	211,918	7,095	..	219,013
1925-26 ..	218,637	6,765	..	225,402
1926-27 ..	218,445	6,118	43 (liquid gallons proof not available).	224,563 and 43 liquid gallons.

32. Import and manufacture of Indian-made brandy, whisky, gin and rum.—The figures below show the total quantity of spirit used in the manufacture of brandy, whisky, gin and rum in

Bengal, as well as the imports thereof from other provinces :—

Distilleries from which issued.	Manufactured in the distilleries themselves and issued on payment of full duty.	Bengal-made spirit issued from distilleries to compounders and blenders of foreign liquor on payment of full duty.	Total.
Asansol (Bengal) ..	2,954	4,360	7,314
Konnagar (Bengal) ..	157	200	357
Shahjehanpur (United Provinces).	3,622	....	3,622
Russa (Bengal) ..	400	7,600	8,000
Bahir-Mirzapur (Bengal)	....	6,440	6,440
Total ..	7,133	18,600	25,733
Figures of 1925-26 ..	6,660	26,807	33,467

Besides the above, 38.5 L. P. gallons of rum were imported from the Dyer Distillery, Lucknow.

Manufacture of beer.—Of the two breweries licensed during the year under report, only the Victoria Brewery at Sonada worked and had an outturn of 19,889 gallons of beer, of which 14,715 gallons were sold to the military authorities, 5,199 gallons to the public and 181 gallons to the provinces outside Bengal.

Duty on Indian-made potable foreign liquors and beer.—The receipts from duty on potable spirits and beer manufactured in India amounted to Rs. 5,90,177, against Rs. 7,53,882 and Rs. 8,53,342 in the two previous years respectively. The preference shown to cheap imported brandy and whisky by consumers who are habituated to drink this sort of liquor was the principal cause of this decrease in duty.

33. Licenses and fees.—The total number of licenses issued for "trade" and "public" vend was 1,582, against 1,623 in the preceding year. The decrease occurred under "Trade" (3), "Public 'Off'" (4), "temporary bars" (26), "Late closing" (14), while increase occurred under the head "Railway refreshment room" (6).

The total receipts from license fees on foreign liquor licenses, levied under the

Bengal fixed fee system, were as follows:—

	Rs.
1922-23	242,667
1923-24	274,698
1924-25	305,907
1925-26	295,784
1926-27	309,946

MEDICATED WINES.

34. **Licenses and revenue.**—The number of licenses for the retail sale of medicated wines was 189, as compared with 175 in the previous year. The revenue from license fees was Rs. 10,615, against Rs. 7,075 in the preceding year.

II.—INDUSTRIAL SPIRITS (EXCLUDING DENATURED SPIRITS).

35. **Revenue.**—The total revenue derived from rectified spirit and absolute alcohol used for medicinal, scientific or other industrial purposes in the Presidency was Rs. 5,00,895.

36. **Issue of rectified spirit from distilleries and warehouses.**—The following quantities of rectified spirit were issued during the year for medicinal, industrial and scientific purposes from distilleries and excise warehouses in Bengal:—

Place of manufacture.	Duty-free issues to Government Departments, colleges, etc. (L. P. gallons).	For manufacture of tinctures and other medicinal preparations. (L. P. gallons).	
		In bonded laboratories.	By permit-holders.
1	2	3	4
Asansol ..	1,659	85,368	5,070
Konnagar ..	226	17,231	8,604*
Russa ..	8	8,650	1,280
Bahir-Mirzapur ..	5,499	14,732	1,124
Total ..	7,392	125,981	16,078

*Besides 73·1 L.P. gallons of rectified spirit were taken by permit-holders in United Provinces and 157·4 L.P. gallons of rectified spirit were taken for medicinal purposes in Assam.

Besides the above, 119·8 L. P. gallons of rum were issued duty-free from the Konnagar Distillery for use in hospitals.

Duty-free issues (column 2) of rectified spirit were made to the following institutions:—

- (1) Medical Store-keeper.
- (2) The Zoological Surveyor of India.
- (3) The Botanical Surveyor of India.

- (4) The Officer in charge, Mathematical Instrument Office.
- (5) The School of Tropical Medicine and Hygiene.
- (6) The Calcutta Corporation.
- (7) The Presidency College.
- (8) The Bethune College.
- (9) The Dacca University.
- (10) The Indian School of Mines, Dhanbad.
- (11) The Scottish Churches College.
- (12) The Zoological Laboratory.
- (13) The Controller of Stationery and Stamps.
- (14) The Military Food Laboratory, Kasauli, Punjab.
- (15) The Director of Agriculture, Sabour.
- (16) The Manager, Government Photo. Zinc Office, Poona.
- (17) The Calcutta Research Tannery.
- (18) The Principal, Mymensingh College.

37. **Manufacture of Tinctures and medicines.**—Six bonded laboratories in Calcutta and one in Konnagar continued to manufacture tinctures and medicines during the year under report. Duty was paid on 60,466 L. P. gallons of spirit contained in tinctures and medicinal preparations issued from the seven laboratories, while medicinal preparations containing 25,281 L. P. gallons of spirit were issued duty-free to the charitable dispensaries and hospitals in the various provinces. Besides, 6,356 L. P. gallons of rectified spirit and 1,359 L. P. gallons of absolute alcohol were issued duty-free to the charitable dispensaries and hospitals in the various provinces, and 150·2 L.P. gallons of rectified spirit and 24·5 L.P. gallons of absolute alcohol were issued duty-free to (1) the University College of Science, (2) the Calcutta Research Tannery, (3) the Corporation of Calcutta, and (4) the Scottish Churches College. The duty realized on tinctures issued from bonded laboratories at Rs. 5 per L. P. gallon on the spirit contents was Rs. 3,02,330, against Rs. 2,70,535 in the last year.

Permit-holders in Bengal (column 4) took issue of 16,078 L. P. gallons of rectified spirit on payment of Rs. 80,390 as duty.

The gradually increasing control of the department over the manufacture of spirituous medicinal preparations has resulted in a steady improvement in the quality of the preparations, as under Government orders all bonders as well as permit-holders were required to manufacture spirituous medicinal preparations appearing in the British Pharmacopœa strictly in accordance with directions laid down therein. In the case of preparations other than B. P., manufacturers were required to submit formulæ for the approval of the department, and they were made to adhere to the recipe in respect of which sanction was given. A sample of every preparation was required to be sent to the Chemical Examiner for analysis. In all the laboratories the Analytical Branch was improved to test the alkaloids, and the manufacture, bottling, storage, etc., of poisonous and non-poisonous preparations were completely and effectively separated.

One new bonded laboratory was opened in Calcutta for the manufacture of spirituous medicinal preparations in bond by the Union Drug Company, Limited, in April 1927.

38. Issues of rectified spirit and absolute alcohol from bonded laboratories and distilleries for medicinal industrial and other purposes on payment of full duty.—Four thousand, six hundred and ninety-eight L. P. gallons of rectified spirit and absolute alcohol were sold on payment of full duty from the bonded laboratories and 1,611 L.P. gallons of rectified spirit were sold from distilleries to licensed retail vendors of rectified spirit and to chemists and druggists for medicinal and other industrial purposes.

SECTION IV.—Hemp Drugs.

GANJA.

44. Retail licenses.—The total number of licenses issued in the Presidency for the retail sale of *ganja* was 1,218, against 1,215 in 1925-26. The following new shops were opened during the year, with the approval of the local Excise Advisory Committees, to meet legitimate local demand, *viz.*—Burdwan (1), Birbhum (1), Jessore (1), Khulna (1), Dacca (2), and Chittagong (1).

Four shops were abolished as being unnecessary, *viz.*—Midnapore (1), and Calcutta (3).

45. Consumption.—The total quantity of *ganja* consumed in the Presidency amounted to 1,691 maunds and 38 seers, against 1,786 maunds and 33 seers—a net decrease of 94 maunds and 35 seers or 5·3 per cent. The sole reason for this decrease in consumption was the increase in retail price from Rs. 87-8 to Rs. 97-8 per seer, ordered by Government with effect from 1st April 1926.

The consumption fell off in 20 districts and increased in 7 districts, *viz.*, Dacca, Mymensingh, Faridpur, Tippera, Bogra, Rajshahi and Khulna. The increase in Rajshahi and Khulna was nominal, while in the other districts it ranged from 2 per cent. to 5 per cent.

46. Total revenue.—The receipts for the year amounted to Rs. 47,67,560, against Rs. 43,60,085 in the previous year, the net increase being Rs. 4,07,475. The revenue from license fees decreased by Rs. 1,41,991, and the gola rent by Rs. 166 and that from duty increased by Rs. 5,49,632. The increase in revenue, in spite of the decrease in consumption, was due to the increase in duty from the beginning of the year.

47. Incidence of taxation.—The incidence of license fee per seer of *ganja* consumed was Rs. 36·7, and that of duty Rs. 32. The total taxation was Rs. 68·7 per seer, as compared with Rs. 58·7 in the previous year.

* * * *

50. Cultivation and outturn of ganja at Naogaon in Rajshahi.—The following figures indicate the position regarding the operations of *ganja* cultivation in Naogaon in Rajshahi district during the last 6 years:—

Year.	Number of cultivators licensed.	Area licensed.	Total Outturn.	Average outturn per bigha.		Total exports from Naogaon.
				Mds.	Seers.	
1921-22 ..	2,858	2,799	5,339	1	13	4,885
1922-23 ..	3,033	2,899	4,761	1	25	4,723
1923-24 ..	3,681	2,899	8,641	2	38	3,935
1924-25 ..	3,310	2,002	6,689	3	13	4,252
1925-26 ..	3,099	1,761	4,598	2	24	4,961
1926-27 ..	2,996	1,800	5,256	2	36	4,722

The area sanctioned for cultivation during the year 1926-27 was 1,800 bighas, and this was based on the principle explained by me in detail in paragraph 50 of the report for the year 1925-26. The average outturn per bigha was

more satisfactory than during the preceding year and assurance of a proper price has increased the interest of individual cultivators to get as good an outturn as possible from the area cultivated.

There was no case of surrender of any license, and no license was cancelled during the year. The area actually cultivated was 1,812 bighas, 11 cottahs and 1 chittak, against 1,755 bighas, 17 cottahs and 13 chittaks of the last year.

The condition of the crop was uniformly favourable till the 3rd week of January. During the latter part of January and the beginning of February, however, some damage was done to the crop by insects and by plant diseases commonly known as "Gorejala" and "Ambala."

* * * *

BHANG.

55. **Licenses and revenue.**—There were 316 retail licenses for the sale of *bhang* in the year under review, against 318 in the previous year. Three new licenses were granted in the 24 Parganas and one in Burdwan, with the approval of Excise Advisory Committees, to meet ascertained local demand, while 4 licenses were abolished in Calcutta and 1 each in the districts of Midnapore and Murshidabad.

The total number of druggists' permits issued was 518, as compared with 470 of the preceding year.

The total revenue from license fees and duty amounted to Rs. 1,85,310, as compared with Rs. 2,12,745 in 1925-26—a decrease of Rs. 27,435—with a decrease in consumption by 29 maunds and 18 seers.

56. **Consumption.**—The principal demand for *bhang* as in the previous years was confined to most of the West Bengal districts. In most of the districts of East Bengal, the demand for its use as an intoxicant is very small. The total consumption in the Presidency amounted to 407 maunds and 19 seers, as compared with 436 maunds and 37 seers in the previous year—a decrease of 29 maunds and 18 seers. The most noticeable fluctuation was a decrease of 29 maunds and 31 seers in Calcutta, as compared with the figure of the previous year. This decrease was

principally due to the temporary exodus of many upcountry men (who are the principal consumers of the drug) from the metropolis, on account of the communal troubles last year.

57. **Exports.**—Three maunds and 10 seers of duty-paid *bhang* were exported from Hooghly to French Chandernagore, against 3 maunds and 30 seers in the previous year. Twenty-one seers of duty-paid *bhang* were supplied from Comilla to the adjacent state of Tripura, against 25 seers in the previous year.

58. **Abuse.**—The abuse of medicinal preparations prepared from *bhang* like Madanananda Modak, Kameswar Modak, etc., received very salutary check during the year, on account of the restrictive measures introduced by Government and referred to in paragraph 4 (7) of the report for the year 1925-26.

CHARAS.

59. **Licenses and revenue.**—The total number of retail licenses was 34, against 35 in the previous year, one shop having been abolished in Calcutta. The total number of wholesale licenses was 3, against 3 in the previous year. The total receipts amounted to Rs. 3,03,105, as compared with Rs. 2,66,007 in 1925-26—an increase of Rs. 37,098. There was a fall of Rs. 14,024 under the head "License fees" due to fall in the consumption of the drug in retail shops, but there was an increase of Rs. 51,122 under the head "Duty," owing to the enhancement of duty on the drug from Rs. 30 to Rs. 50 per seer with effect from the 1st April 1926.

60. **Import, export and consumption.**—The total quantity of *charas* imported into the Presidency was 65 maunds and 30 seers, against 69 maunds and 17 seers in the preceding year. The drug was, as usual, imported by the wholesale dealers of Calcutta and Birbhum direct from the Punjab and supplied to the retail vendors in the districts. The total issue to retail shops in the Presidency amounted to 64 maunds and 18 seers, as compared with 68 maunds and 31 seers in the preceding year, while the consumption in Calcutta amounted to 40 maunds and 32 seers, against 45 maunds and 21 seers in the previous year.

One maund and 4 seers of *charas* were exported to French Chandernagore during the year, against 6 seers exported during the previous year.

SECTION V.—Opium.

* * * *

61. **Restricted supply of opium.**—There was no change in the system of restricted supply of opium to shops in several districts in the Presidency.

62. **Consumption.**—The consumption of excise opium during the year under report was 994 maunds and 32 seers, as compared with 998 maunds and 25 seers in the preceding year, showing a decrease of 3 maunds and 33 seers.

Analysing the figures for the year, it appears that the increase in the retail price of opium in the four metropolitan districts of Calcutta, the 24-Parganas, Hooghly and Howrah, referred to in paragraph 62 of my report for the year 1925-26, was still effective to keep down consumption in the above areas, and the figures further went down by 858 seers, which represented a decrease of 4 per cent.

The consumption showed decrease in three other districts, while it increased in the rest of the Presidency by 736 seers, which represented an increase of 4·7 per cent. The increase was not, however, excessive in any district, and was due to better economic conditions and stricter supervision over shops.

The question of opium consumption in the Presidency underwent further examination towards the close of the year on receipt of a despatch from the Secretary of State for India in which he referred to the fact that there were certain areas in which the rate of consumption very largely exceeded the League of Nations' standard of six seers per 10,000 of population per annum, and suggested that Committees of Enquiry be appointed to investigate the causes of excessive consumption in the worst areas. In seventeen districts in the Presidency the consumption was less even than the League of Nations' standard; in others it was in excess: in Calcutta and the neighbouring industrial areas of Serampore and Barrackpore the consumption was more than five times the standard.

Government have, since the close of the year, appointed a Committee composed of two officials and two non-officials to investigate more fully into the reasons for high consumption in the above areas, and to submit its recommendations regarding further steps which may be taken to check the abuse of the drug in these areas, so far as it may exist. It may here be noted, however, that the consumption of other intoxicants too, *viz.*, liquor, and other drugs like *ganja*, *charas* and *bhang*, is also relatively higher in the above areas than in the rest of the urban or rural areas in the Presidency.

63. **Licenses for retail sale.**—The total number of licenses issued for the retail sale of excise opium was 861, as compared with the same number in the previous year. Five new shops were opened, *viz.*, 1 each in Jessore, Tippera and Jalpaiguri, and 2 in Noakhali. Five shops were abolished, *viz.*, 2 in Calcutta and 1 each in Khulna, Mymensingh and Rajshahi.

64. **Permits and licenses under the Opium and Morphia Rules.**—The total number of permits and licenses issued was 1,457, as compared with 1,430 in the previous year. The number includes 34 licenses issued to manufacturing chemists, 541 to dispensing chemists, 69 to kabirajes and hakims and 64 permits to permit-holders (total 708 for intoxicating drugs), and 41 licenses issued to dealers, 584 to chemists, 45 to persons approved under Rules 21 (1) and 21 (2) of the Morphia Rules and 79 to persons authorised under Rule 22 of the same rules (total 749 for morphia drugs). The increase in the number of licenses was due to increase in the number of chemists and druggists in many districts in the Presidency.

65. **Revenue.**—The total receipts amounted to Rs. 48,15,300, as compared with Rs. 46,29,635 in 1925-26, showing an increase of Rs. 1,85,665. The increase was due to enhancement of duty on opium in the districts of Hooghly, Howrah, the 24-Parganas and Calcutta given effect to from 1st September 1925.

66. **Abuse of opium and morphia.**—The use of morphia as a substitute for opium does not appear to have been prevalent in any district. Regarding the measures taken to discourage the practice of administering opium to children, the Director of Public Health,

Bengal, has reported that the Publicity Officer kept the subject in view and mentioned it in some of his public addresses last year, but as the practice did not appear to be prevalent in the Presidency of Bengal, there was little scope for publicity work in regard to it. The question is under the consideration of the Calcutta Opium Enquiry Committee now sitting.

* * * *

SECTION VI.—Cocaine.

* * * *

69. **Licenses and revenue.**—Four hundred and twenty licenses were issued during the year to chemists and druggists for the sale of cocaine on prescriptions of qualified medical practitioners, as compared with 391 in 1925-26. Seventy-five permits for the possession of cocaine were issued free to managers of hospitals or dispensaries not under Government supervision. Forty-eight permits were issued to qualified medical practitioners and dentists.

70. **Preventive operations and illicit transactions** in cocaine have been dealt with in paragraph 72, section VII of the report.

* * * *

SECTION VII.—Offences against the excise and opium laws.

* * * *

72. **Prosecutions and convictions.**—The prosecutions and convictions during the year, as stated below, did not show much noticeable fluctuation in regard to the number of cases and persons prosecuted:—

	1925-26.	1926-27.
Number of cases prosecuted ..	5,958	5,796
Number of cases convicted ..	5,778	5,498
Number of persons prosecuted ..	6,282	6,134
Number of persons convicted ..	5,889	5,546

The decrease in excise prosecutions occurred principally in the districts of the 24-Parganas (676), Hooghly (134) and Burdwan (97). In the 24-Parganas, the decrease was mainly due to the disposal of 1,205 offences regarding *tari*, under section 65 of the Bengal Excise Act, instead of by prosecution in

Courts. In Hooghly the decrease was mainly due to less number of detections of *tari* and *pachwai* cases and, in Burdwan, the fall was due to decrease in the number of illicit *pachwai* cases. The number of prosecutions showed marked increase in Midnapore (284), Birbhum (137), Bankura (96) and Khulna (62).

The situation regarding excise offences in the Presidency was clearly explained by me in paragraphs 74 to 77 of my report for the year 1925-26, and there were no new factors to be noted regarding the course and method of illicit practices in intoxicating articles in the Presidency.

The departmental officers successfully tackled offences against the excise and opium laws and regulations in most of the districts, and there was noticeable improvement in detection work in Calcutta, Midnapore, Birbhum, Darjeeling, Rajshahi, Dacca, Mymensingh and Chittagong.

Offences committed by licensees also received adequate attention in most of the districts.

The total seizures of illicit crude opium on its way to Burma and the Far East, through Bengal and Calcutta, were as follows during the last 3 years:—

	Mds.	Srs.
1924-25 ..	31	17
1925-26 ..	44	8
1926-27 ..	60	22

Of the total quantity of illicit opium seized during the year 1926-27 in Bengal, 31 maunds and 21 seers were seized by the Excise Detective Staff in Calcutta, 7 maunds and 38 seers by the Railway Excise Staff, 5 maunds and 20 seers by the Excise Staff in districts, 13 maunds and 1 seer by the Customs Detective Staff, and 2 maunds and 32 seers by the Police Staff in Calcutta and Howrah.

Several important arrests and prosecutions for illicit import and possession of opium were made during the year, and I shall mention only a few cases of special interest in a subsequent paragraph.

The total seizures of cocaine during the past three years are noted below :—

	Ozs.	grs.
1924-25 ..	1,432	112
1925-26 ..	2,023	27
1926-27 ..	701	50

Of the total quantity of cocaine seized during the year 1926-27, 614 ounces were seized by the Customs Detective Staff on board the vessels in the Port of Calcutta, 48½ ounces by the Calcutta Excise Detective Staff, and 28 ounces by the Excise Staff in the mufassal districts and 10½ ounces by the Police Staff in Calcutta and Howrah.

The efforts to tackle the principal offender and their associates engaged in the illicit traffic in opium and cocaine in

Calcutta and to prosecute the offenders successfully, were persistently continued throughout the year with satisfactory results, and the department is thankful for the co-operation it received from the Police and Customs Officials. The illicit traffic inside the city, as well as at the railway termini, was principally looked after by the Excise Detective Staff in co-operation with the Police officers, while the illicit traffic on board the vessels in the port and on the jetties was looked after mainly by the Customs Detective Staff. This arrangement has worked with gradually increasing success from year to year, and a larger degree of co-operation amongst the officials of the several departments has been secured.

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The Calcutta Gazette

THURSDAY, OCTOBER 20, 1927.

SUPPLEMENT.

Official Papers.

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DEPARTMENT OF AGRICULTURE, BENGAL.

Second Forecast of the Cotton Crops of Bengal, 1927-28.

[NOTE.—On an average of the five years ending 1925-26, the area under the cotton crops in Bengal has represented some 0·3 per cent. of the total area under cotton in India.]

There are two crops—early and late. The “early” crop is chiefly grown in the Chittagong Hill Tracts and in the Tripura State, and to a small extent in other districts. The “late” crop is grown in Bankura and Midnapore.

Character of the season.—During the initial stages the early crop suffered from lack of rain in Midnapore and Mymensingh and from excessive rain in the Chittagong Hill Tracts and Tripura State. Subsequently, however, the conditions improved except in the Tripura State, where scanty rainfall from July up till now hampered the growth to some extent. In Bankura the weather was favourable throughout. The present outlook is generally fair and a fair outturn is expected.

Sowings of late variety commenced in Midnapore under satisfactory conditions.

Area sown.—The area sown with the early crop is reported to be 76,773 acres this year as against 75,158 acres (revised) in the corresponding forecast of last year. Of the late crop, an area of 803 acres is reported to have been sown this year as against the same area reported in the corresponding forecast of last year.

R. S. FINLOW,

Director of Agriculture, Bengal.

DACCA, the 24th September 1927.

DEPARTMENT OF AGRICULTURE, BENGAL.

Second Forecast of the Sugarcane crop of Bengal, 1927-28.

[NOTE.—On an average of the five years ending 1925-26, the area under sugarcane in Bengal has represented some 7·5 per cent. of the total area under sugarcane in British India.]

Character of the season.—As indicated in the first forecast, the weather was generally favourable both for planting and for the growth of the early crop, but subsequent scanty rainfall up to first half of May interfered with the development of the young plants, especially in some West and North Bengal districts. Although good rainfall in the latter part of May and June improved the prospects, the crop suffered much from lack of rain in July and August again. Rainfall in the beginning of September, however, has proved beneficial, and the crop is expected to be a satisfactory one for the province on the whole.

Area planted.—The total area planted with the crop for the province is reported to be 208,800 acres this year as against 199,400 and 200,800 acres reported, respectively, in the corresponding and final forecasts of last year.

Outturn.—According to the estimates of District Officers, the average outturn of the crop for the province works out 83 per cent. of the normal this year as against 82 and 80 per cent. respectively in the corresponding and final forecasts of last year.

Condition figure.—The condition figure for the cane crop is estimated at 83 per cent. as against a ten years' average of 82·5 per cent. This means that the condition of this year's crop is equal to about 101 per cent. of the ten years' average.

R. S. FINLOW,

Director of Agriculture, Bengal.

DACCA, the 28th September 1927.

APPENDIX I.

Second Forecast of the Sugarcane Crop of Bengal, 1927-28.

District.	Estimated normal area under sugarcane.	Estimated area under sugarcane.		Estimated outturn as a percentage of the normal yield per unit of area.		Date by which the planting of setts generally commenced this year, and whether that date was early, normal or late.	Remarks by District Officers.
		Last year.	This year.	Last year.	This year.		
1	2	3	4	5	6	7	8
	Acres.	Acres.	Acres.				
24-Parganas ...	4,600	1,400	1,400	75	75	End of January to 1st week of April. Normal.	The weather has, on the whole, been fairly favourable for the crop.
Nadia ...	10,000	7,600	7,500	75	58	Middle of January. Normal.	The weather has not been favourable owing to want of sufficient rain, which has affected the growth of the crop.
Murshidabad ...	3,600	3,500	3,400	75	75	January to April. Normal.	The weather and its effects on the growth of the crop have been fair.
Jessore ...	5,200	2,500	2,700	54	56	January and February. Normal.	The increase in area is due to high price of molasses last year. The weather was fair at planting time, but has been unfavourable afterwards.
Khulna ...	500	200	200	83	67	Beginning of March. Normal.	The weather and its effects on the crop have not been favourable.
Burdwan ...	11,600	15,500	15,700	92	92	End of April. Normal.	The weather and its effects on the cultivation and growth of the crop have been favourable.
Birbhum ...	9,800	8,200	8,300	83	71	Ditto ...	The weather was not favourable at planting time owing to drought, but occasional rainfall afterwards helped the growth of the young plants. Drought in the first part of July again caused damage to some extent.
Bankura ...	3,100	3,800	3,900	92	100	April. Normal ...	The weather has been favourable and its effects on the growth of the crop beneficial.
Midnapore ...	6,600	5,200	4,400	67	67	March. Normal	The decrease in area is due to want of sufficient rainfall at sowing time and also to the fact that the cultivators could not keep cuttings for plantation after the last flood which destroyed the crop. The weather and its effects on the growth of the crop have been fair.
Hooghly ...	8,200	2,900	2,900	96	58	Ditto ...	The weather was favourable at the time of plantation but subsequently unfavourable for insufficient rain.
Howrah ...	5,200	3,500	3,600	83	92	Middle of March. Normal.	The weather has been favourable and its effects on the growth of the crop beneficial.
Rajshahi ...	7,500	4,900	4,900	75	75	February. Normal.	The weather was favourable at sowing time but subsequently insufficient rain has retarded the growth of the crop.
Dinajpur ...	29,500	28,700	31,500	75	83	Middle of March. Normal.	The increase in area is due to high price of gur. The weather was not favourable at planting time but the present condition is fair.

District.	Estimated normal area under sugarcane.	Estimated area under sugarcane.		Estimated outturn as a percentage of the normal yield per unit of area.		Date by which the planting of setts generally commenced this year, and whether that date was early, normal or late.	Remarks by District Officers.
		Last year.	This year.	Last year.	This year.		
1	2	3	4	5	6	7	8
	Acres.	Acres.	Acres.				
Jalpaiguri ...	6,000	4,900	5,000	100	100	January to April. Normal.	The weather and its effects on the cultivation and growth of the crop have been favourable.
Darjeeling ...	300	300	300	92	92	April. Normal ...	The weather and its effects on the growth of the crop have been favourable.
Rangpur ...	11,900	21,900	22,000	75	75	Middle of February. Normal.	
Bogra ...	6,700	4,100	4,100	80	100	March. Normal	The effects of weather on the cultivation and growth of the crop have been favourable.
Pabna ...	5,600	3,000	3,800	83	100	Beginning of March. Normal.	The increase in area is due to high price of <i>gur</i> . The weather was favourable at sowing time. Drought in May retarded the growth of the crop, but the situation has improved owing to subsequent favourable weather.
Malda ...	300	300	200	66	83	November to April. Normal.	The decrease in area is due to want of timely rainfall. The weather and its effects on the growth of the crop have been fair.
Dacca ...	21,100	20,100	20,200	74	85	November (high lands), February and March (low lands). Normal.	The weather and its effects on the growth of the crop have been fairly favourable.
Mymensingh ...	11,100	13,100	16,300	62	100	Beginning of April. Normal.	The weather and its effects on the growth of the crop have been favourable.
Faridpur ...	7,400	6,500	6,400	98	92	December and January. Normal.	The decrease in area is due to unfavourable weather at planting time. The weather has been favourable afterwards. Untimely rains have affected the growth of the crop to some extent.
Bakarganj ...	18,800	27,000	29,000	83	83	January and February. Normal.	The increase in area is due to decrease in area under jute. The crop has suffered from floods in July and August and from attack of stem-borer in places.
Chittagong ...	5,300	6,000	5,800	92	83	February and March. Normal.	The decrease in area is due to prolonged drought at planting time. The weather was not seasonable and the crop was badly suffering from lack of rain, but the rainfall in September may improve the prospects.
Tippera ...	6,100	3,300	2,900	92	67	January to March. Normal.	The weather was favourable at planting time but not so afterwards.
Noakhali ...	800	1,500	1,200	83	67	November. Normal.	The decrease in area is due to damage by excessive rain. The weather has not been favourable.
Chittagong Hill Tracts.	1,000	1,200	1,200	83	83	First week of March. Normal.	The weather and its effects on the cultivation and growth of the crop have been fairly favourable.
Total Bengal...	207,700	200,800	208,800	80	83		

APPENDIX II.

Abstract statement of estimated acreage and outturn of the sugarcane crop of Bengal, 1926-27.

Province.	Area (in acres).						Yield (in tons).								
	Of current year's crop (1926-27).	Of previous year's crop (1925-26).	Average of preceding—	Percentage by which column 2 exceeds (+), or is less than (-), area in—		Estimated yield of current year, i.e., of area in column 2.	Yield of previous year, i.e., of area in column 3.	Average of preceding—	Percentage by which column 7 exceeds (+), or is less than (-), yield in—						
				Column 3.	Column 4.				Column 8.	Column 9.					
1	2	3	4	5	6	7	8	9	10	11					
			<i>Five years.</i>	<i>Ten years.</i>		<i>Five years.</i>	<i>Ten years.</i>		<i>Five years.</i>	<i>Ten years.</i>		<i>Five years.</i>	<i>Ten years.</i>		
Bengal	...	200,800	215,600	209,700	212,700	-6.6	-4.4	-5.8	215,400	245,000	226,700	232,200	-12.1	-5	-7.2

Vital Statistics for the month of May 1927 of the

Districts.	No.	Towns.	Population under registration according to Census of 1921.			Births registered.		Deaths							
			Male.	Female.	Total.	Number registered (excluding still-births).	Still-born number registered.	Cholera.	Small-pox.	Plague.	Malaria.	Enteric fever.	Measles.	Relapsing fever.	Kala-azar.
Burdwan ...	1	Burdwan ...	19,583	15,033	34,616	15	...	...	...	...	8	2	...	...	4
	2	Raniganj ...	8,040	6,496	14,536	26	...	3	...	...	...	...	...	...	...
	3	Asansol ...	15,464	11,035	26,499	9	...	1	...	...	...	...	...	...	...
Bankura ...	4	Bankura ...	13,523	11,889	25,412	19	...	1	9	...	1	...	...	...	...
	5	Vishnupur ...	9,736	9,662	19,398	34	1	1	...	...	...	...	...	...	...
	6	Sonamukhi ...	5,140	5,504	10,644	19	...	...	...	...	1	...	...	...	...
Midnapur ...	7	Midnapur ...	15,724	13,241	28,965	37	...	2	3	...	1	...	...	...	...
	8	Ghatal ...	5,655	5,115	10,770	28	...	1	...	...	...	...	...	...	...
Hooghly ...	9	Hooghly-Chin-sura.	16,723	13,215	29,938	40	...	...	1	...	1	...	...	...	...
	10	Serampur ...	20,210	12,987	33,197	28	1	1	...	...	...	...	...	1	1
	11	Rishra-Kon-nagar.	15,030	8,229	23,259	13	...	2	...	...	2	...	...	...	1
	12	Baldyabati ...	9,174	7,297	16,471	27	...	2	1	...	1	...	...	...	...
	13	Bhadreswar ...	14,457	7,594	22,051	16	...	3	...	...	...	...	...	...	...
	14	Champdani ...	17,193	7,459	24,652	12	...	6	...	...	...	...	1	...	...
Howrah ...	15	Howrah ...	128,472	66,829	195,301	177	...	48	63	...	29	9	...	...	6
	16	Bally ...	15,264	7,945	23,209	15	...	2	1	...	...	...	...	...	1
24-Parganas	17	South Suburban	19,083	14,262	33,345	48	...	5	3	...	2	...	...	...	...
	18	Tollyganj ...	13,326	8,311	21,637	23	...	2	2	...	...	...	...	...	...
	19	Budge-Budge	17,883	7,840	25,723	10	...	5	1	...	...	...	...	...	...
	20	Baranagar ...	19,989	12,095	32,084	36	1	19	1	...	...	1	1	...	1
	21	Kamarhati ...	14,965	8,053	23,018	24	1	1	2	...	...	...	...	...	1
	22	Rajpur ...	5,760	5,652	11,412	8	...	4	3	...	...	...	1	...	...
	23	South Dum-Dum.	5,736	5,294	11,030	22	...	14	...	...	1	...	...	...	...
	24	Barrackpur ...	14,877	7,583	22,460	5	...	...	...	...	4	...	...	...	...
	25	Panhati ...	6,148	4,013	10,161	14	...	1	1	...	1	...	...	...	...
	26	North Barrackpur.	9,452	5,981	15,433	21	...	3	2	...	...	...	...	...	1
	27	Titagarh ...	36,533	15,918	52,451	71	...	4	3	...	...	...	...	...	...
	28	Garulia ...	9,077	4,019	13,096	13	...	2	...	...	2	...	...	...	...
	29	Nalhati ...	15,464	7,822	23,286	17	...	...	...	...	...	...	...	...	...
Calcutta ...	30	Kanchrapara	7,182	3,150	10,332	12	...	8	...	...	3	1	...	1	...
	31	Bhatpara ...	45,723	19,886	65,609	78	...	1	1	...	3	1	1	...	...
	32	Basirhat ...	10,162	9,105	19,267	30	...	...	1	...	...	...	...	...	1
	33	Baduria ...	7,434	6,623	14,057	7	...	...	...	...	...	...	...	...	...
	34	Calcutta ...	724,248	353,016	1,077,264	955	79	267	189	...	92	74	10	...	53
Nadia ...	35	Krishnagar ...	11,377	10,932	22,309	24	...	2	...	...	7	...	...	...	...
	36	Nabadwip ...	7,391	8,293	15,684	10	...	1	2	...	5	...	...	...	...
	37	Santipur ...	11,342	13,450	24,792	45	...	1	...	...	10	2	...	...	...

Towns with a population of 10,000 and over in Bengal.

registered.

Other fevers.	Dysentery.	Diarrhoea.	Influenza.	Pneumonia.	Typhoid.	Other respiratory diseases.	Injuries including suicide.	Deaths from child-birth.	Other causes.	Total of all causes.			Total of corresponding month of previous year.			No.	Towns.
										Male.	Female.	Total.	Male.	Female.	Total.		
...	3	5	1	8	3	5	2	...	10	32	19	51	41	26	67	1	Burdwan.
2	...	...	...	2	1	...	...	2	9	9	10	19	16	11	27	2	Raniganj.
3	...	...	2	...	...	1	2	1	5	13	2	15	31	24	55	3	Asansol.
4	...	...	...	2	...	3	1	1	4	19	7	26	9	5	14	4	Bankura.
9	1	1	...	2	1	1	1	1	17	20	15	35	5	11	16	5	Vishnupur.
4	...	1	...	...	...	2	...	...	8	6	10	16	7	12	19	6	Sonamukhi.
11	2	...	...	11	2	1	3	...	6	28	16	42	38	34	72	7	Midnapur.
8	...	5	...	2	...	...	2	...	...	10	8	18	11	4	15	8	Ghatal.
21	...	4	1	10	2	...	2	...	24	37	29	66	36	41	77	9	Hooghly-Chinsura.
3	2	4	...	4	1	1	1	...	7	15	11	26	22	17	49	10	Serampur.
4	1	5	...	1	...	...	...	...	7	8	15	23	15	12	27	11	Rishra-Konnagar.
5	1	7	...	1	3	...	2	...	8	15	16	31	15	11	26	12	Baidyabati.
3	1	2	...	2	...	...	1	...	7	14	5	19	27	17	44	13	Bhadreswar.
2	...	...	...	2	...	1	...	...	3	11	4	15	7	3	10	14	Champdani.
74	26	14	...	64	5	66	15	2	113	297	247	544	273	243	516	15	Howrah.
4	...	1	...	1	2	1	...	...	5	5	13	18	11	15	26	16	Bally.
17	1	4	...	7	1	1	1	...	13	26	29	55	16	25	41	17	South Suburban.
1	...	1	...	1	...	...	...	...	3	4	6	10	9	4	13	18	Tollyganj.
5	7	...	...	...	...	1	...	...	3	13	9	22	16	13	29	19	Budge-Budge.
8	3	3	3	4	...	3	3	1	8	34	25	59	32	33	65	20	Barasagar.
6	2	1	1	1	1	2	...	...	10	14	14	28	21	15	36	21	Kamarhati.
5	...	2	...	2	...	...	1	...	2	13	7	20	5	6	11	22	Rajpur.
3	...	2	...	1	...	1	...	...	6	18	10	28	12	8	20	23	South Dum-Dum.
1	...	2	...	1	...	1	...	1	1	4	7	11	8	6	14	24	Barrackpur.
2	...	1	...	4	1	...	...	...	3	6	8	14	10	11	21	25	Panihati.
...	2	...	...	2	...	1	...	...	1	7	5	12	17	8	25	26	North Barrackpur.
41	...	1	...	...	...	...	2	...	10	36	25	61	21	20	41	27	Titagarh.
1	...	...	...	...	...	...	...	...	...	3	2	5	9	14	23	28	Garulia.
1	...	1	...	...	1	...	...	...	8	6	5	11	19	9	28	29	Naihati.
1	2	...	...	...	2	...	1	...	...	14	5	19	4	3	7	30	Kanchrapara.
28	2	1	...	8	1	2	...	1	10	41	17	58	40	37	77	31	Bhatpara.
2	3	...	...	5	...	...	1	...	1	10	4	14	16	13	29	32	Basirhat.
4	...	...	...	...	...	...	...	...	...	2	2	4	2	4	6	33	Baduria.
136	102	123	27	300	200	192	57	4	741	1,460	1,107	2,567	1,406	1,268	2,674	34	Calcutta.
4	1	1	...	5	...	1	3	...	5	17	12	29	11	11	22	35	Krishnagar.
...	1	...	...	1	...	1	...	...	1	5	7	12	14	11	25	36	Nabadwip.
2	...	2	...	5	...	1	1	1	25	25	25	50	15	26	41	37	Santipur.

Vital Statistics for the month of May 1927 of the

Districts.	No.	Towns.	Population under registration according to census of 1921.			Births registered.		Deaths							
			Male.	Female.	Total.	Number registered (excluding still-births).	Still-born number registered.	Cholera.	Small-pox.	Plague.	Malaria.	Enteric fever.	Measles.	Relapsing fever.	Kala-azar.
Murshidabad.	38	Berhampur ...	14,719	11,951	26,670	35	...	...	15	...	6	1	1	...	2
	39	Murshidabad	5,401	5,268	10,669	18	1	...	...	...	...	...	...	...	...
	40	Jiaganj-Azimganj ...	5,876	5,355	11,231	17	1	...	4	...	6	...	...	...	...
	41	Kandi ...	5,903	5,884	11,787	27	1	...	1	...	...	...	...	...	...
	42	Jangipur ...	5,167	5,572	10,739	32	...	...	4	...	...	...	...	...	...
Jessore ...	43	Jessore ...	6,410	3,729	10,139	9	...	1	...	...	9	...	...	...	1
Khulna ...	44	Khulna ...	10,235	5,814	16,049	10	...	...	...	...	2	...	...	...	1
	45	Satkhira ...	5,548	4,751	10,299	10	...	...	...	...	4	...	...	...	...
Rajshahi ...	46	Rajshahi ...	13,831	10,767	24,598	50	...	...	3	...	1	...	1	2	3
Dinajpur ...	47	Dinajpur ...	10,973	7,052	18,025	20	...	...	1	...	...	...	...	...	...
Jalpaiguri ...	48	Jalpaiguri ...	8,965	5,555	14,520	10	...	...	...	...	5	...	...	...	...
Darjeeling ...	49	Darjeeling ...	12,877	9,381	22,258	50	1	...	...	...	1	...	...	...	...
Rangpur ...	50	Rangpur ...	12,059	7,017	19,076	27	...	...	3	...	...	...	...	...	2
Bogra ...	51	Bogra ...	7,257	5,065	12,322	11	...	1	...	...	1	1	...	...	...
Pabna ...	52	Pabna ...	10,332	8,991	19,323	15	...	4	...	...	4	...	...	...	...
	53	Sirajganj ...	13,756	11,752	25,508	25	...	1	8	...	13	...	...	...	...
Malda ...	54	English Bazar	7,869	6,188	14,057	32	...	...	...	...	1	...	...	...	...
	55	Nawabganj ...	6,081	6,552	12,633	28	1	5	...	...	2	...	...	...	...
Dacca ...	56	Dacca ...	67,333	52,117	119,450	239	7	33	55	...	2	9	1	...	13
	57	Narayanganj	19,442	11,160	30,602	53	...	1	2	...	...	...	1	...	...
	58	Mymensingh ...	16,597	8,690	25,287	31	...	3	8	...	...	...	...	...	...
Mymensingh	59	Jamalpur ...	12,566	10,547	23,113	44	1	7	...	...	...	3	...	...	4
	60	Sherpur ...	9,768	8,045	17,813	29	4	...	...	...	...	...	1	...	1
	61	Kishorganj ...	10,600	8,918	19,518	18	...	13	...	...	...	...	...	...	...
	62	Bajitpur ...	5,946	5,622	11,568	9	1	1	2	...	...	...	...	...	...
Faridpur ...	63	Tangail ...	7,542	6,763	14,305	21	1	...	...	...	...	...	...	...	...
	64	Faridpur ...	8,772	5,731	14,503	11	...	...	...	...	4	2	...	...	...
	65	Madaripur ...	14,309	10,988	25,297	52	...	7	...	...	8	...	...	...	1
Bakarganj	66	Barisal ...	17,684	9,160	26,744	20	...	13	...	...	...	...	...	...	...
	67	Pirojpur ...	7,515	6,326	13,841	24	1	4	...	...	...	...	1	...	...
Chittagong...	68	Chittagong ...	24,117	11,913	36,030	68	...	6	1	...	...	...	1	...	2
Tippera ...	69	Comilla ...	15,533	10,381	25,914	19	...	1	...	...	...	...	...	...	...
	70	Brahmanbaria	12,367	11,047	23,414	44	1	...	2	...	...	...	...	...	3
	71	Chandpur ...	10,636	4,482	15,118	7	...	...	...	...	...	...	...	...	1
Total of month			1,769,376	1,049,372	2,818,748	3,113	104	514	398	...	243	106	21	4	104
Total of corresponding month of previous year.			...	...	...	3,742	170	462	236	...	262	126	48	2	142
Increase + or decrease —.			...	...	...	-629	-66	+52	+162	...	-119	-20	-27	+2	-38

- REMARKS.—1. The above table is compiled from returns collected by the municipalities and submitted to the Director of Public Health by the Civil Surgeon, and in a few instances are obviously incomplete.
 2. The vital statistics of municipalities with a population of less than 10,000 have been excluded from this statement and incorporated in the
 3. The birth and death ratios per mille per annum have been omitted from this statement according to the Government of India, Education

CALCUTTA, the 13th October 1927.

Towns with a population of 10,000 and over in Bengal.

registered.

Other fevers.	Dysentery.	Diarrhoea.	Influenza.	Pneumonia.	Phthisis.	Other respira- tory diseases.	Injuries includ- ing suicide.	Deaths from child-birth.	Other causes.	Total of all causes.			Total of corresponding month of previous year.			No.	Towns.
										Male.	Female.	Total.	Male.	Female.	Total.		
7	1	...	...	8	3	1	3	...	12	34	26	60	28	21	49	38	Berhampur.
22	...	1	...	...	...	...	...	...	...	13	10	23	9	3	12	39	Murshidabad.
...	...	1	...	2	...	...	...	...	5	8	10	18	12	16	28	40	Jiaganj- Azimganj.
10	...	...	...	3	...	3	1	...	6	12	12	24	10	7	17	41	Kandi.
4	...	...	...	...	...	...	...	...	...	5	3	8	18	8	26	42	Jangipur.
...	4	...	...	1	...	...	...	...	...	10	6	16	12	2	14	43	Jessore.
5	1	...	...	3	1	...	1	...	1	5	10	15	25	6	31	44	Khulna.
...	...	...	...	...	...	1	...	...	2	3	4	7	3	4	7	45	Satkhira.
10	...	1	1	1	1	...	...	...	10	19	15	34	13	10	29	46	Rajshahi.
3	...	...	...	1	2	...	...	...	2	3	6	9	10	8	18	47	Dinajpur.
...	1	...	...	...	...	5	...	...	4	9	6	15	16	6	22	48	Jalpaiguri.
7	1	...	...	1	8	...	...	...	22	21	19	40	23	9	32	49	Darjeeling.
2	2	...	...	5	...	...	...	...	12	19	7	26	22	9	31	50	Rangpur.
2	...	...	...	...	...	...	...	...	4	5	4	9	3	8	11	51	Bogra.
...	2	...	...	...	...	1	...	...	7	8	10	18	8	10	18	52	Pabna.
...	...	2	...	2	...	...	1	...	8	23	12	35	14	24	38	53	Sirajganj.
2	...	...	...	2	...	...	1	...	6	7	5	12	11	7	18	54	English Bazar.
3	1	5	...	...	...	...	...	1	...	5	12	17	28	13	41	55	Nawabganj.
39	24	9	...	19	7	16	3	3	94	167	160	327	134	95	229	56	Dacca.
16	2	1	...	...	3	1	2	2	20	20	31	51	29	27	56	57	Narayanganj.
15	4	3	...	1	...	...	2	...	11	25	22	47	20	16	36	58	Mymensingh.
3	4	2	...	...	2	...	1	2	9	19	18	37	11	15	26	59	Jamalpur.
7	7	...	...	1	1	1	1	...	15	22	13	35	20	12	32	60	Sherpur.
2	1	4	...	...	...	4	1	...	5	17	13	30	16	12	28	61	Kishorganj.
1	...	2	...	...	...	...	...	...	...	1	5	6	6	4	10	62	Bajitpur.
3	...	...	...	1	...	2	1	...	3	5	5	10	11	8	19	63	Tangail.
3	6	1	...	1	...	1	1	...	1	13	7	20	6	4	10	64	Faridpur.
...	4	1	...	...	...	...	...	...	5	14	12	26	17	11	28	65	Madaripur.
11	5	...	...	...	...	5	...	...	7	21	20	41	35	18	53	66	Barisal.
4	...	1	...	1	...	...	...	...	6	5	12	17	13	4	16	67	Pirojpur.
19	3	...	...	2	2	...	1	...	31	38	30	68	26	14	40	68	Chittagong.
3	1	...	...	...	...	...	...	...	3	5	3	8	8	2	10	69	Comilla.
19	1	2	...	...	1	1	...	...	10	16	23	39	16	13	29	70	Brahmanbaria.
3	...	...	...	...	...	...	...	...	4	2	6	8	5	4	9	71	Chandpur.
648	248	230	36	514	258	331	122	23	1,409	2,894	2,315	5,209	...	...	...
672	306	243	35	493	307	387	147	18	1,395	2,914	2,467	5,381	...	...	...
-24	-58	-13	+1	+21	-49	-56	-25	+5	+14	-20	-152	-172	...	...	...

Taken as a whole, the statement possesses a relative value, although the figures for individual towns probably only approximate to the actual in a proportion of cases returns for districts as ordered in Government of Bengal, Municipal Department, letter No. 118 San., dated the 8th February 1918.

Department, letter No. 93, dated the 26th March 1918.

CHAS. A. BENTLEY, M.B., D.P.H., D.T.M. & H.,
Director of Public Health, Bengal.

Vital Statistics for the month of May 1927 of the

Division.	No	Districts.	Population under registration according to Census of 1921.			Births registered.		Deaths							
			Male.	Female.	Total.	Number registered (excluding still-births).	Still-born number registered.	Cholera.	Small-pox.	Plague.	Malaria.	Euteric fever.	Measles.	Relapsing fever.	Kala-azar.
Burdwan ...	1	Burdwan ...	689,282	673,993	1,363,275	4,206	26	223	219	...	1,232	1	...	...	5
	2	Birbhum ...	422,986	424,584	847,570	3,322	83	10	302	...	239	...	...	...	...
	3	Bankura ...	480,935	483,552	964,487	3,105	9	80	37	...	107	10	16	15	1
	4	Midnapur ...	1,318,373	1,308,652	2,626,925	6,698	207	330	911	...	1,585	...	2	...	3
	5	Hooghly ...	468,451	462,093	930,544	2,883	4	155	230	...	1,450	59	2	...	11
	6	Howrah ...	391,415	387,478	778,893	1,687	20	179	269	...	251	25	5	4	29
Presidency	7	24-Parganas ...	1,062,266	989,125	2,051,391	3,844	35	357	315	...	611	1	1	...	111
	8	Nadia ...	731,335	698,552	1,429,887	3,602	54	195	51	...	1,623	...	1	23	39
	9	Murshidabad ...	591,676	599,742	1,191,418	4,095	180	47	820	...	2,175	8	29	...	...
	10	Jessore ...	887,182	824,898	1,712,080	3,457	102	159	82	...	1,849	9	3	1	17
	11	Khulna ...	741,741	684,945	1,426,686	3,110	95	236	19	...	1,099	...	3	...	45
Rajshahi ...	12	Rajshahi ...	753,529	711,538	1,465,067	4,811	197	63	86	...	2,709	...	...	...	6
	13	Dinajpur ...	885,427	801,901	1,687,328	6,607	250	25	256	...	3,461	2	1	...	13
	14	Jalpaiguri ...	494,432	427,317	921,749	2,905	134	6	14	...	2,091	...	...	...	...
	15	Darjeeling ...	136,217	124,273	260,490	711	45	1	6	...	269	...	...	...	3
	16	Rangpur ...	1,304,781	1,183,997	2,488,778	6,677	409	126	694	...	3,817	...	1	...	6
	17	Bogra ...	531,470	504,814	1,036,284	2,117	65	10	461	...	674	25	3	7	40
	18	Pabna ...	682,594	662,039	1,344,633	3,255	173	408	1,061	...	2,142	3	2	...	1
	19	Malda ...	478,672	480,103	958,775	2,757	90	177	93	...	1,520	...	...	...	...
Dacca ...	20	Dacca ...	1,485,445	1,490,470	2,975,915	5,847	264	477	345	...	411	6	...	8	21
	21	Mymensingh ...	2,447,431	2,278,695	4,726,126	10,677	485	869	442	...	483	...	8	...	35
	22	Faridpur ...	1,124,661	1,085,397	2,210,058	4,839	112	187	126	...	2,684	...	1	...	19
	23	Bakarganj ...	1,318,064	1,265,107	2,583,171	5,498	100	380	17	...	97	2	...	1	23
Chittagong	24	Chittagong ...	753,765	821,627	1,575,392	4,494	241	267	70	...	348	22	21	102	18
	25	Noakhali ...	738,722	734,064	1,472,786	3,768	233	299	135	...	32	...	7	...	32
	26	Tippera ...	1,367,598	1,311,029	2,678,627	4,402	172	460	215	...	306	77	8	21	240
	27	Chittagong Hill Tracts.	...	...	...	...	...	...	...	...	...	...	...	...	Not under
Total of month for Bengal ...			22,288,560	21,414,985	43,703,545	109,974	3,785	5,756	7,276	...	33,265	250	114	182	718
Total of corresponding month of previous year.			...	...	...	107,928	3,742	5,813	4,214	...	39,221	352	156	179	952
Increase + or decrease—			...	...	...	+2,036	+43	-57	+3,062	...	-5,956	-102	-42	+3	-234

REMARKS.—1. The above table is compiled from returns collected by the thana officers and submitted to the Director of Public Health by the Civil Surgeons.
 2. The vital statistics of municipalities with a population of less than 10,000 have been included in this statement with those of the respective
 3. Divisional totals and the birth and death rates per mille per annum have been omitted from this statement according to the Government of

CALCUTTA, the 13th October 1927.

Districts excluding Towns with a population of 10,000 and over in Bengal.

registered

Other fevers.	Dysentery.	Diarrhoea.	Influenza.	Pneumonia.	Phthisis.	Other respiratory diseases.	Injuries including suicide.	Deaths from child-birth.	Other causes.	Total of all causes.			Total of corresponding month of previous year.			No.	Districts.
										Male.	Female.	Total.	Male.	Female.	Total.		
1,009	36	22	4	43	14	22	57	8	560	1,778	1,677	3,455	1,731	1,576	3,307	1	Burdwan.
1,362	4	7	...	6	3	2	28	5	339	1,196	1,109	2,305	1,090	1,042	2,132	2	Birbhum.
1,477	28	33	3	41	23	20	25	4	531	1,256	1,195	2,451	1,060	1,097	2,157	3	Bankura.
2,072	43	54	...	53	20	16	117	16	720	2,966	2,976	5,942	2,606	2,434	5,040	4	Midnapur.
225	35	36	5	55	25	9	51	3	262	1,367	1,246	2,613	1,343	1,244	2,587	5	Hooghly.
301	22	116	3	35	37	34	51	5	157	759	764	1,523	1,006	915	1,921	6	Howrah.
1,148	25	15	...	41	16	25	128	10	331	1,692	1,473	3,165	2,195	1,808	4,003	7	24-Parganas.
354	18	9	3	98	12	32	57	14	252	1,510	1,271	2,781	2,061	1,821	3,882	8	Nadia.
194	2	2	...	3	1	3	50	5	516	1,986	1,869	3,855	2,098	1,858	3,956	9	Murshidabad.
221	5	10	4	14	7	6	88	8	198	1,394	1,287	2,681	2,212	1,836	4,048	10	Jessore.
372	11	15	...	10	7	8	92	8	478	1,312	1,091	2,403	1,432	1,156	2,588	11	Khulna.
76	...	2	1	2	3	3	48	9	454	1,886	1,576	3,462	2,130	1,849	3,979	12	Rajshahi.
687	2	4	...	8	7	7	91	8	260	2,531	2,301	4,832	2,935	2,391	5,326	13	Dinajpur.
38	26	56	21	50	30	14	17	...	87	1,350	1,100	2,450	1,821	1,493	3,314	14	Jalpaiguri.
289	36	11	5	12	9	2	7	5	143	395	403	798	467	397	864	15	Darjeeling.
940	28	11	...	...	5	2	61	5	132	3,162	2,676	5,828	3,329	2,775	6,104	16	Rangpur.
404	12	11	11	8	10	1	15	8	77	949	828	1,777	1,140	1,001	2,141	17	Bogra.
155	4	11	1	1	1	1	39	...	194	2,071	1,953	4,024	1,854	1,686	3,540	18	Pabna.
195	4	1	...	2	1	4	31	1	171	1,228	972	2,200	1,384	1,151	2,535	19	Malda.
2,217	110	16	...	8	16	14	66	12	765	2,388	2,104	4,492	2,915	2,490	5,405	20	Dacca.
4,962	78	50	4	9	18	28	116	34	1,095	4,438	3,793	8,231	4,379	3,798	8,177	21	Mymensingh.
49	63	11	...	1	9	18	104	3	396	1,992	1,679	3,671	2,722	2,341	5,063	22	Faridpur.
3,479	52	10	...	10	7	9	132	7	1,180	2,943	2,463	5,406	3,357	2,893	6,250	23	Bakarganj.
2,720	37	20	...	25	2	1	106	3	90	2,078	1,774	3,852	1,712	1,381	3,093	24	Chittagong.
2,295	27	11	...	...	...	6	65	10	374	1,674	1,619	3,293	1,469	1,290	2,759	25	Noakhali.
1,508	76	34	9	8	32	14	34	31	556	1,864	1,765	3,629	2,227	1,825	4,052	26	Tippera.
registration.										...	...	...	...	...	...	27	Chittagong Tracts. Hill
28,749	784	578	74	543	315	301	1,674	222	10,318	48,155	42,964	91,119	...	...	...
30,555	1,148	641	135	479	306	288	1,652	176	11,956	52,675	45,548	98,223	...	...	...
-1,806	-364	-63	-61	+64	+9	+13	+22	+46	-1,638	-4,520	-2,584	-7,104	...	...	...

Taken as a whole, the statement possesses a relative value, although the figures for individual districts probably only approximate to the actual districts as ordered in Government of Bengal, Municipal Department, letter No. 1188an., dated the 8th February 1918.
India Education Department, letter No. 93, dated the 26th March 1918.

CHAS. A. BENTLEY, M.B., D.P.H., D.T.M. & H.,
Director of Public Health, Bengal.

Form C—BENGAL.

[Section 5 (2) of the Cotton Ginning and Pressing Factories Act, 1925.]

Statement of cotton pressed in the Bengal Presidency for the week ending 30th September 1927.

1	2	3	4	5	6
Name of Division or Block.	Number of bales pressed.		Number of bales pressed.		Districts included in the block.
	During the week.	During the corresponding week last year.	Since 1st September 1927 (the date prescribed by the Local Government as the commencement of the season).	During the corresponding period last year.	
The Bengal Presidency ...	177	239	1,608	1,335	All districts in the Presidency.

E. W. HAMMOND,

*Chief Inspector of Factories, Bengal (offg.).***Form C—BENGAL.**

[Section 5 (2) of the Cotton Ginning and Pressing Factories Act, 1925.]

Statement of cotton pressed in the Bengal Presidency for the week ending 7th October 1927.

1	2	3	4	5	6
Name of Division or Block.	Number of bales pressed.		Number of bales pressed.		Districts included in the block.
	During the week.	During the corresponding week last year.	Since 1st September 1927 (the date prescribed by the Local Government as the commencement of the season.)	During the corresponding period last year.	
The Bengal Presidency ...	81	39	1,689	1,374	All districts in the Presidency.

E. W. HAMMOND,

Chief Inspector of Factories, Bengal (offg.).

DISTRICT REPORTS ON WEATHER AND CROPS.

For the week ending on the 12th October 1927.

Summary.—During the week the rainfall was generally light to moderate except in Malda, the Tripura State and parts of Burdwan, Bankura, Midnapore, Jalpaiguri, Dacca and Mymensingh where it was somewhat in excess of the normal. More rain is still needed for the growth of the standing crops and for the steeping of jute in some North Bengal districts. Reaping of autumn crops and transplantation of winter paddy seedlings are over. Preparatory tillage for spring crops and sowing of *kalai* are progressing. Distress continues to prevail in parts of Birbhum, Dinajpur and Malda. Test relief works continue at Nalhati in Birbhum, where 310 persons worked on the 10th instant and also at Patnitola and Porsha police-stations in Dinajpur where 1,262 persons are working. The average price of common rice for the province has fallen by about 1·93 per cent. as compared with that of the previous week.

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
1	24-PARGANAS...	0·36	5	5	Weather seasonable. Steeping of jute is over in Barrackpore. Harvesting of jute and <i>aus</i> paddy still continues in Baraset. Fodder and water are sufficient.
	Diamond Harbour.	Nil	5½	5½	
	Barrackpore ...	0·53	4¾	4¾	
	Baraset ...	Nil	5½	5½	
	Basirhat ...	1·44	5½	5½	
2	NADIA ...	0·41	4¾	4¾	Weather seasonable. Lands are being prepared for spring crops. Harvesting of <i>aus</i> is over. Steeping of jute continues in Chuadanga and Meherpur. Fodder and water are sufficient.
	Kushtia ...	0·45	5	5	
	Meherpur ...	1·55	6½	(n)	
	Chuadanga ...	1·84	6	6	
	Ranaghat ...	0·62	4¾	4¾	
3	MURSHIDABAD	0·86	5	5	Weather sultry. Prospects of winter paddy are uncertain owing to want of timely rain. Cattle-disease is reported from Bharatpur. Fodder and water are insufficient.
	Lalbagh ...	0·58	4½	4½	
	Jangipur ...	0·04	5	5	
	Kandi ...	0·63	5½	5½	
4	JESSORE ...	1·18	5½	5	Weather cloudy. Prospects of standing crops are fair. Fodder and water are sufficient. Export of <i>aus</i> paddy is reported from Bongaon.
	Jhenidah ...	0·73	5½	5½	
	Magura ...	0·39	5	5	
	Narail ...	0·63	4	4	
	Bongaon ...	1·11	4¾	4½	
5	KHULNA ...	Nil	5	5	Effects of weather on crops are not favourable for insufficient rain. Slow export of rice is reported.
	Satkhira ...	0·95	5	5	
	Bagerhat ...	0·43	4½	4½	

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in seers, per rupee.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
6	BURDWAN ...	0·05	5	4 $\frac{3}{4}$	Weather seasonable. More rain is wanted for <i>aman</i> paddy. Harvesting of jute continues. Rice market is steady. Prospects of <i>aman</i> paddy are not good. Fodder and water are sufficient.
	Asansol ...	3·88	6	6	
	Katwa ...	Nil	5	5	
	Kalna ...	0·18	4 $\frac{3}{4}$	4 $\frac{3}{4}$	
7	BIRBHUM ...	0·43	6	6	More rain is badly wanted. Agricultural prospects have improved at Rampurhat. Loans are being distributed. Test works continue in Nalhati where 310 persons worked on the 10th instant. Scarcity of fodder is reported and water is not sufficient everywhere. Cattle-disease is reported from Rampurhat thana.
	Rampurhat ...	0·25	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
8	BANKURA ...	0·93	6 $\frac{1}{2}$	6 $\frac{1}{2}$	Weather seasonable but dry. Prospects of standing crops are fair, except in parts of Bishnupur. Fodder and water are sufficient.
	Vishnupur ...	2·15	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
9	MIDNAPORE ...	Nil	6	5 $\frac{1}{2}$	Weather seasonable. Fodder and water are sufficient.
	Contai ...	1·85	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
	Tamluk ...	0·66	5	(n)	
	Ghatal ...	2·45	5 $\frac{1}{2}$	6	
	Jhargram ...	1·11	6	(n)	
10	HOOGLY ...	0·13	5	5	Weather seasonable. More rain is needed. Fodder is sufficient.
	Serampore ...	0·64	4 $\frac{7}{8}$	5	
	Arambagh ...	0·03	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
11	HOWRAH ...	0·32	5 $\frac{3}{4}$	5 $\frac{1}{2}$	Harvesting of jute is nearly finished. Weeding of paddy is proceeding.
	Uluberia ...	0·69	5 $\frac{1}{4}$	5 $\frac{1}{4}$	
12	RAJSHAHI ...	0·05	5	5	More rain is wanted. Harvesting of jute is going on. Water is insufficient for steeping of jute.
	(RAMPUR-BOALIA). Naogaon ...	0·63	4 $\frac{3}{4}$	4 $\frac{3}{4}$	
	Nator ...	0·32	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
13	DINAJPUR ...	1·30	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Weather seasonable. Lands are being prepared for <i>rabi</i> crops. Effects of weather on agricultural operations and crops are fair except in Balurghat subdivision. Test relief works continue at Patnitola and Porsha police stations where 1,262 persons are employed. Fodder and water are sufficient.
	Thakurgaon ...	Nil	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Balurghat ...	0·06	4 $\frac{1}{8}$	4 $\frac{1}{8}$	
14	JALPAIGURI ...	2·55	4 $\frac{1}{4}$	4 $\frac{1}{4}$	Condition and prospects of standing crops are fair.
	Alipur ...	4·50	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
15	DARJEELING ...	0·36	4	4	Potatoes and maize are being harvested. <i>Marua</i> and paddy are growing. Winter rice is progressing. Cattle-disease exists in one place. Fodder and water are sufficient.
	Kurseong ...	0·07	6	5	
	Siliguri ...	1·00	4 $\frac{1}{2}$	(n)	
	Kalimpong ...	0·63	5	(n)	

(n) Not reported.